

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107730.D
 Acq On : 27 Jul 2018 6:24
 Operator : JU/SJ
 Sample : J4163-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14B

Quant Time: Jul 27 08:45:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

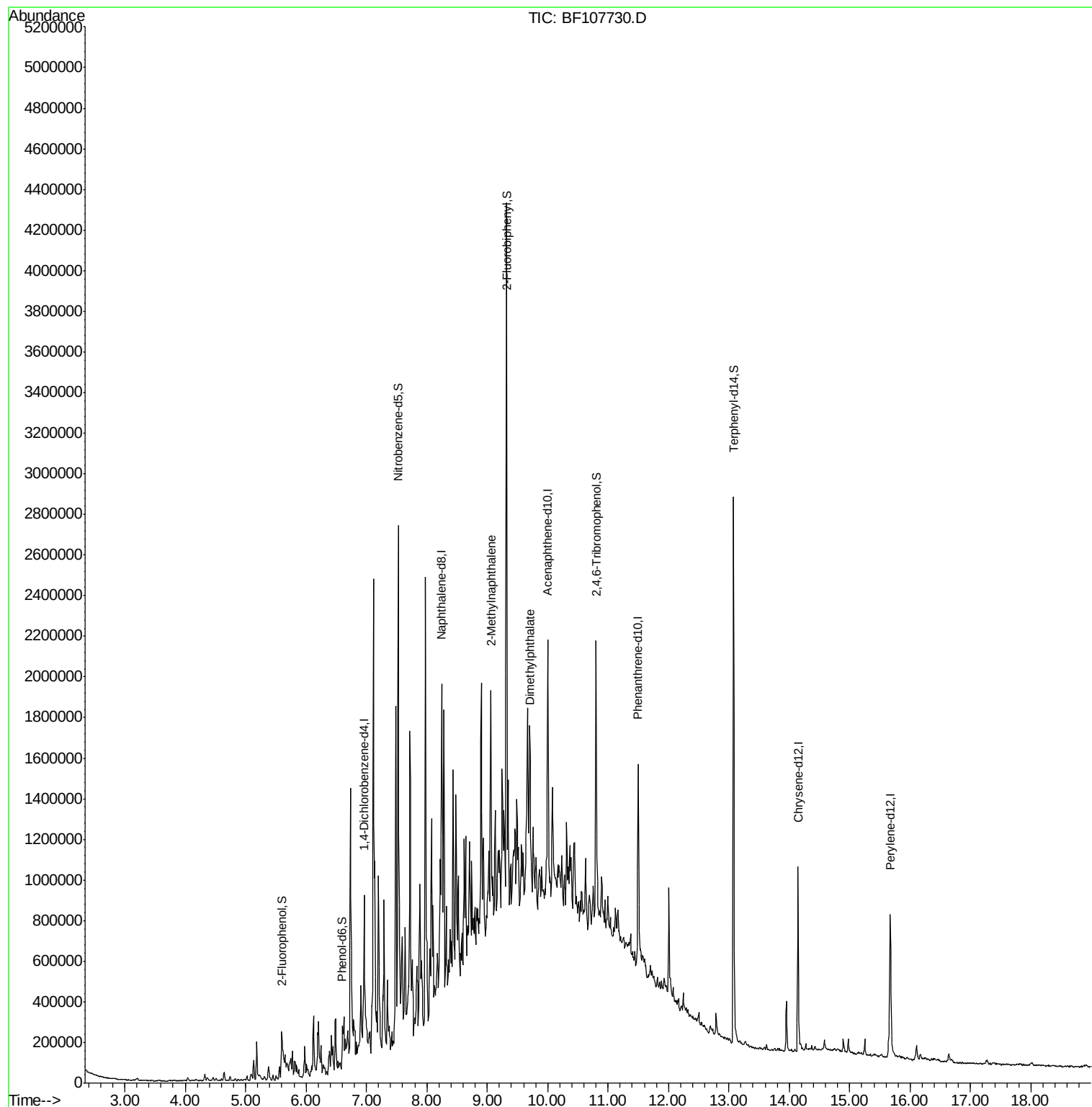
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	167760	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	655933	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	308714	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	491789	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	400840	20.00	ng	-0.02
86) Perylene-d12	15.67	264	429646	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235121	22.53	ng	-0.01
7) Phenol-d6	6.61	99	240893	19.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	725131	74.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	262857	74.88	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1473689	80.60	ng	-0.02
78) Terphenyl-d14	13.08	244	1047705	66.91	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	9.05	142	195950	9.803	ng	Qvalue # 86
49) Dimethylphthalate	9.71	163	270613	11.631	ng	99

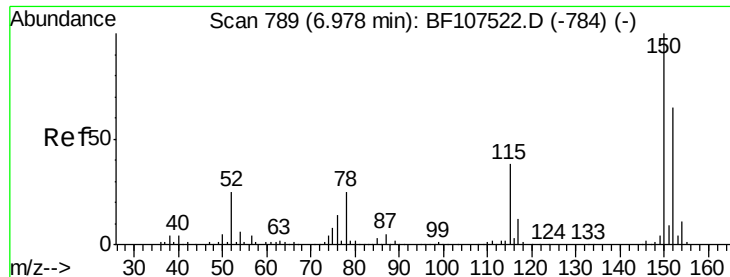
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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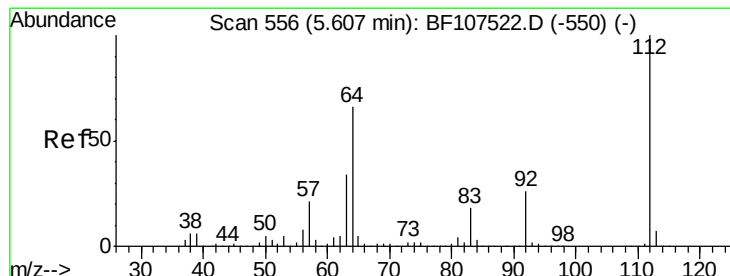
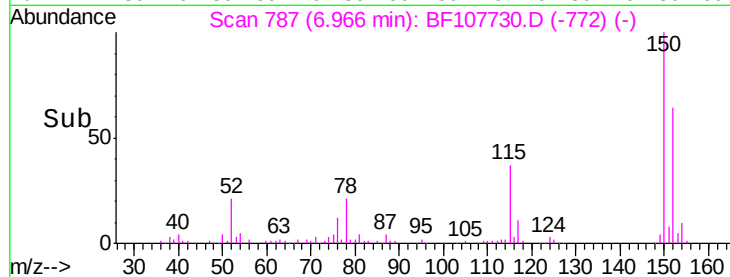
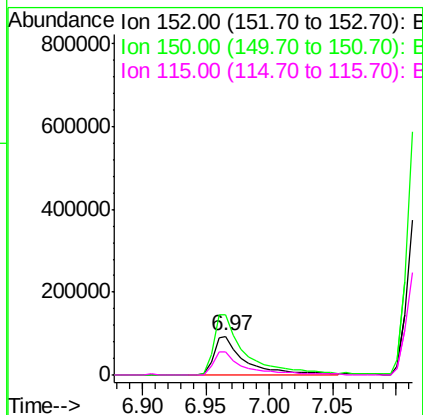
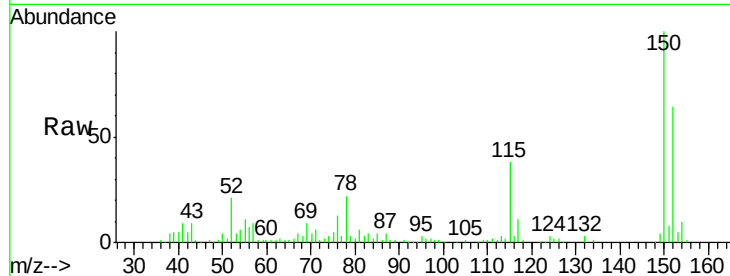


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107730.D
 Acq: 27 Jul 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-14B

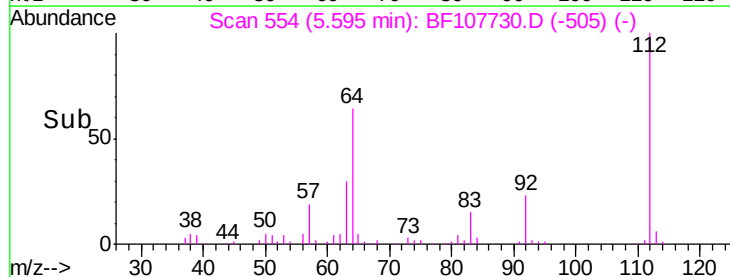
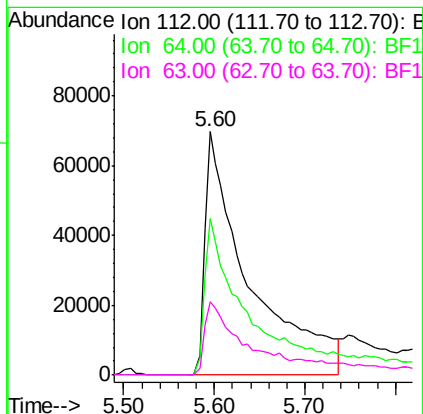
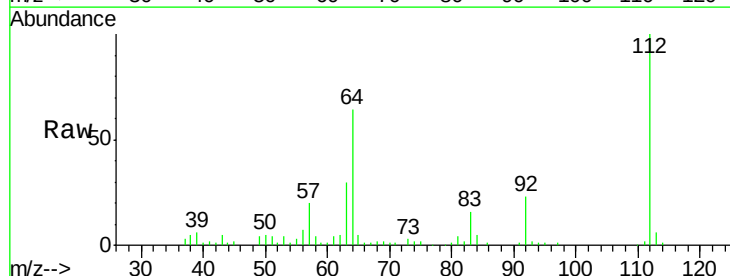
Tgt Ion:152 Resp: 167760
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 58.7 50.1 75.1

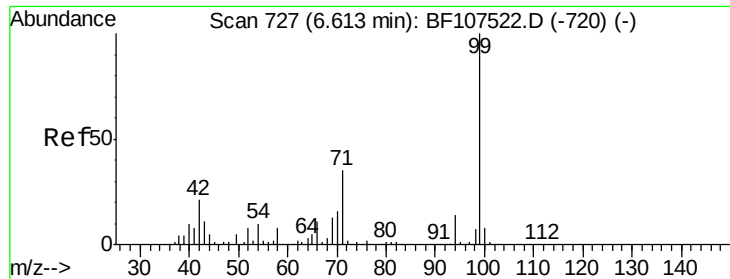


#5

2-Fluorophenol
 Concen: 22.534 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107730.D
 Acq: 27 Jul 2018 6:24

Tgt Ion:112 Resp: 235121
 Ion Ratio Lower Upper
 112 100
 64 64.4 47.9 71.9
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 19.227 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

Instrument :

BNA_F

ClientSampleId :

MW-14B

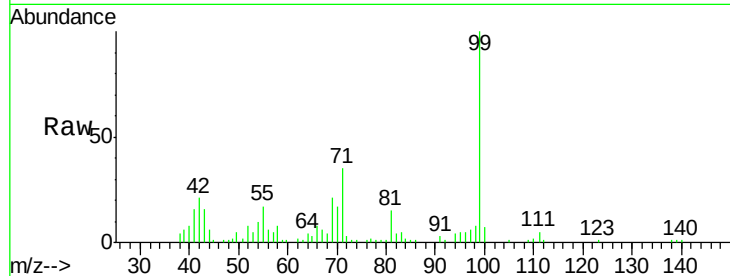
Tgt Ion: 99 Resp: 240893

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

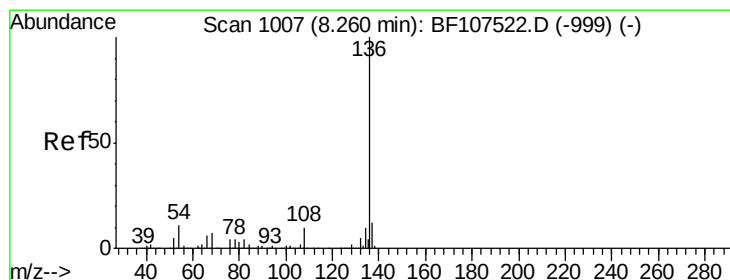
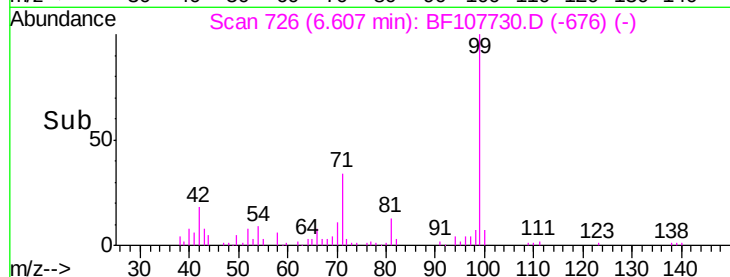
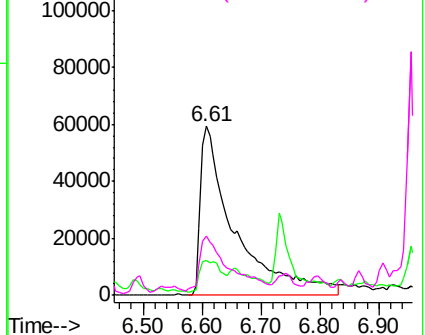
71 34.8 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

Tgt Ion: 136 Resp: 655933

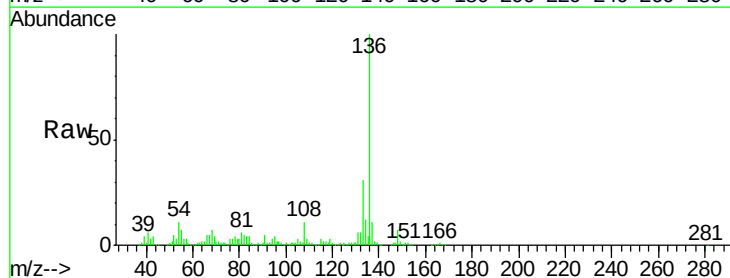
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.2 6.6 9.8#

68 7.0 5.0 7.4

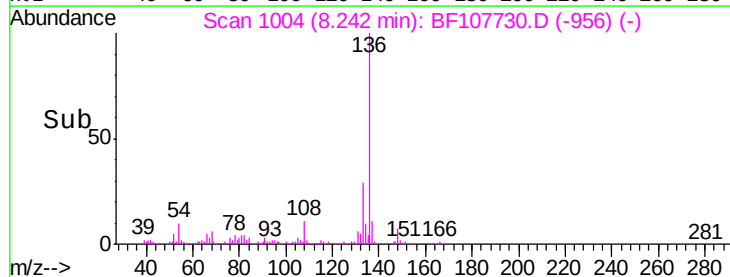
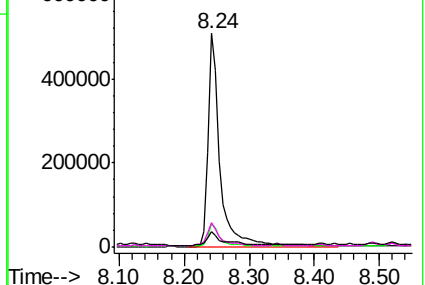


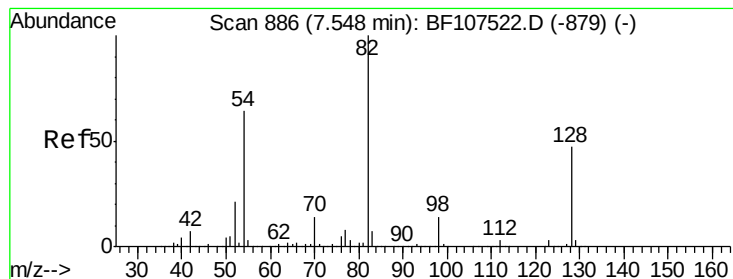
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.607 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

Instrument :

BNA_F

ClientSampleId :

MW-14B

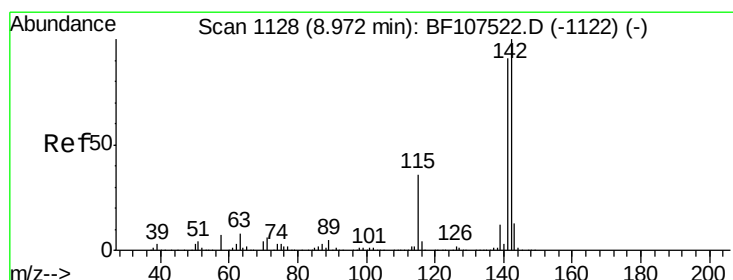
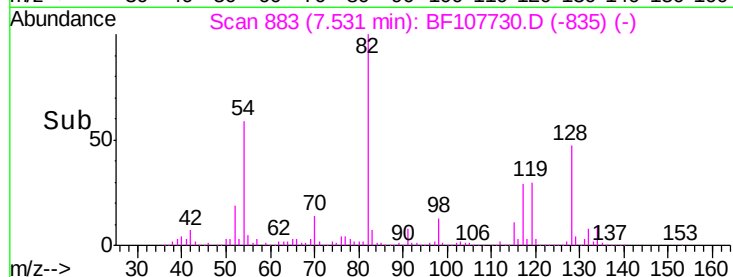
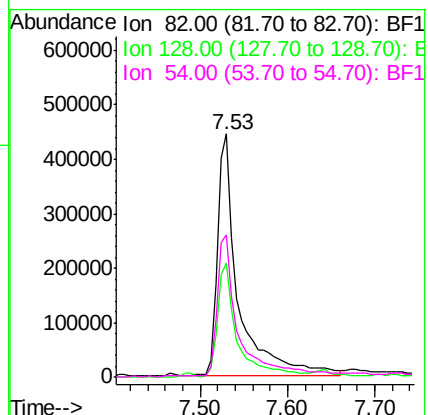
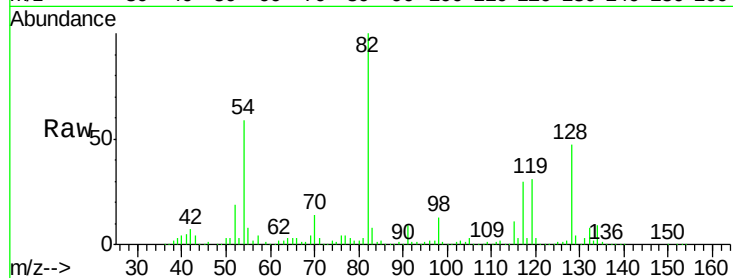
Tgt Ion: 82 Resp: 725131

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

54 58.7 41.4 62.2



#37

2-Methylnaphthalene

Concen: 9.803 ng

RT: 9.05 min Scan# 1142

Delta R.T. 0.08 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

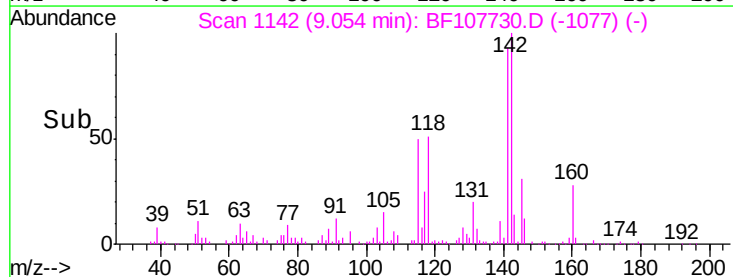
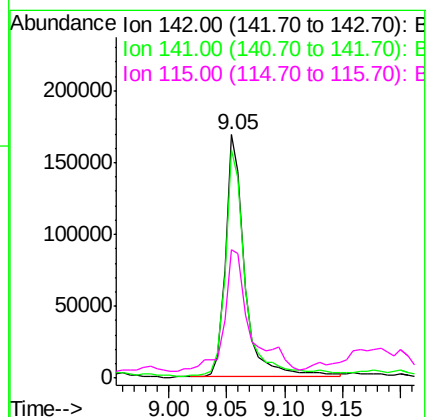
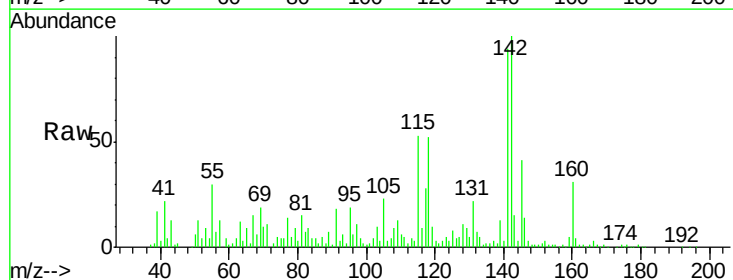
Tgt Ion: 142 Resp: 195950

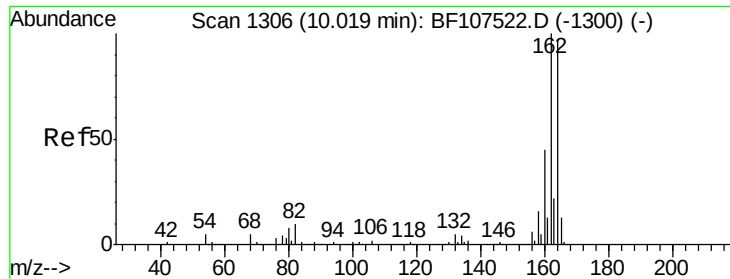
Ion Ratio Lower Upper

142 100

141 93.7 70.8 106.2

115 53.0 26.1 39.1#

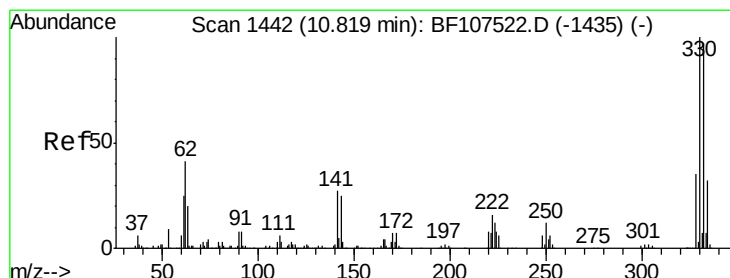
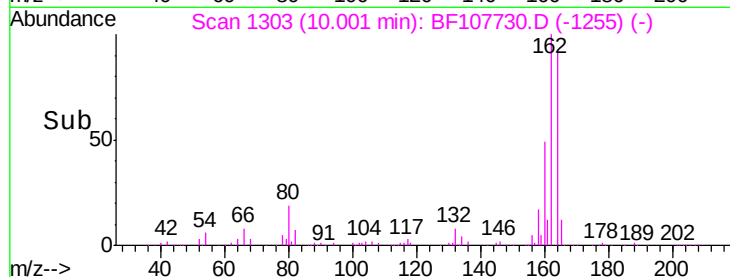
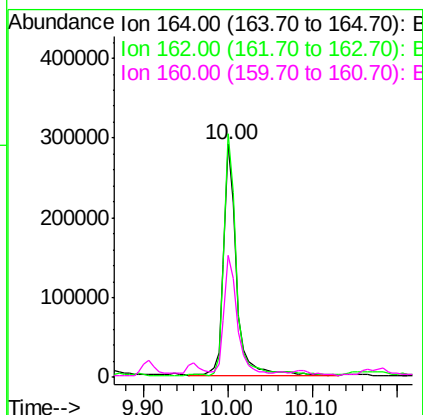
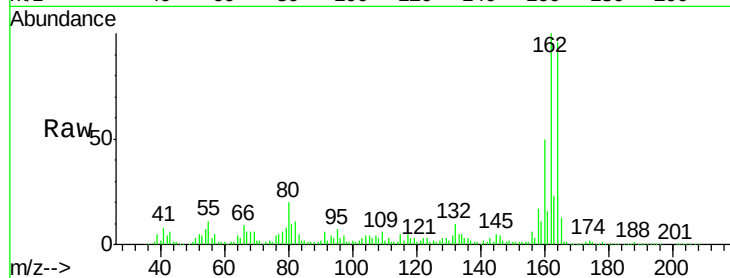




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107730.D
 Acq: 27 Jul 2018 6:24

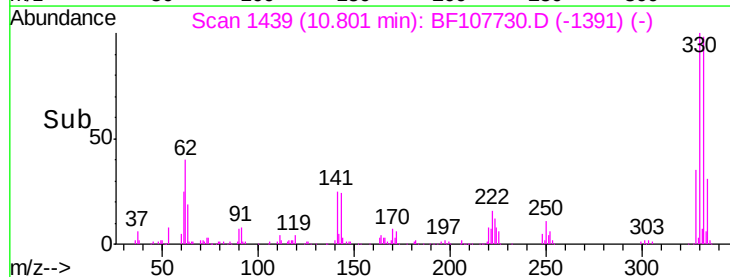
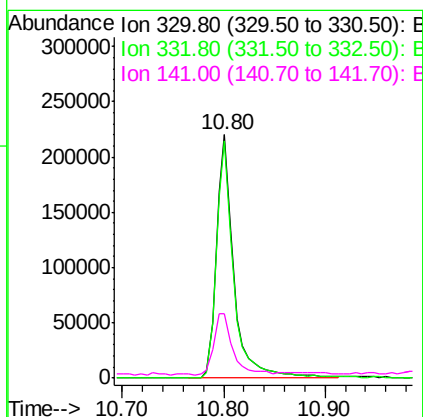
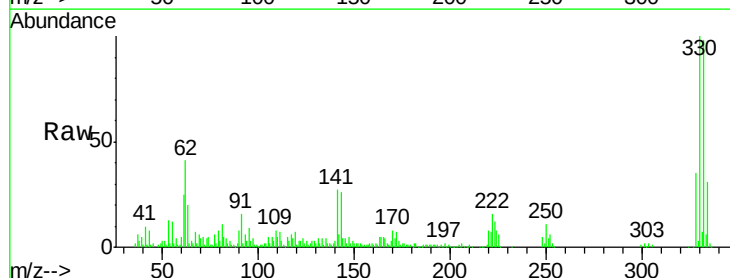
Instrument :
 BNA_F
 ClientSampleId :
 MW-14B

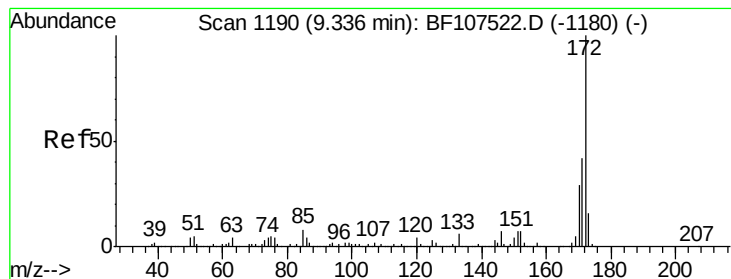
Tgt Ion:164 Resp: 308714
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 52.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.876 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107730.D
 Acq: 27 Jul 2018 6:24

Tgt Ion:330 Resp: 262857
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 27.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 80.600 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

Instrument :

BNA_F

ClientSampleId :

MW-14B

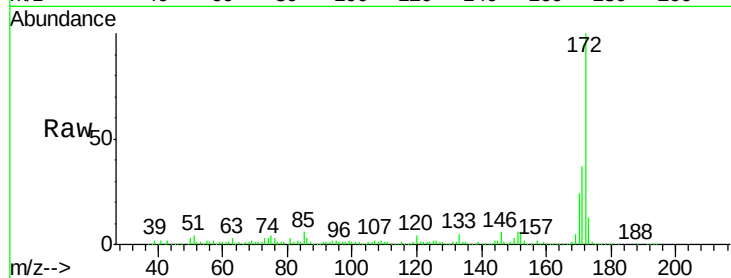
Tgt Ion:172 Resp: 1473689

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

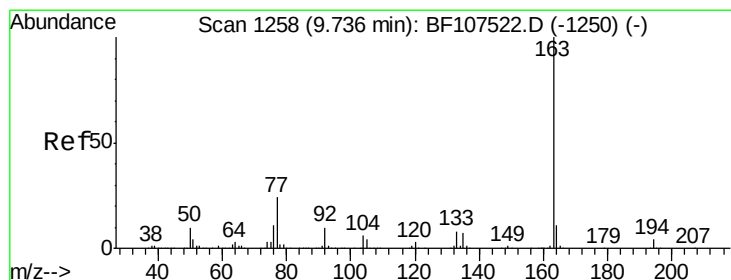
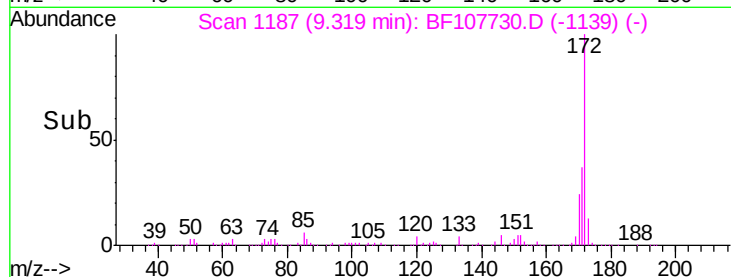
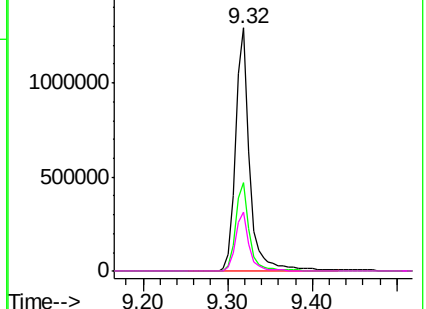
170 24.4 19.6 29.4



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: 11.631 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

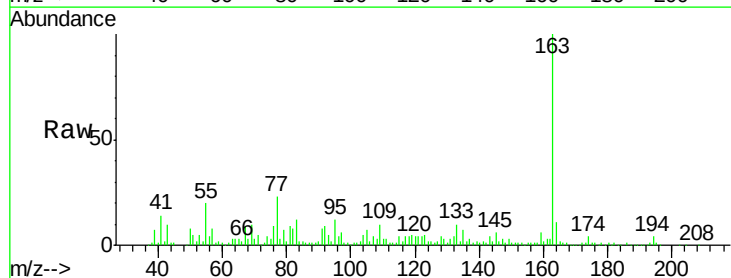
Tgt Ion:163 Resp: 270613

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

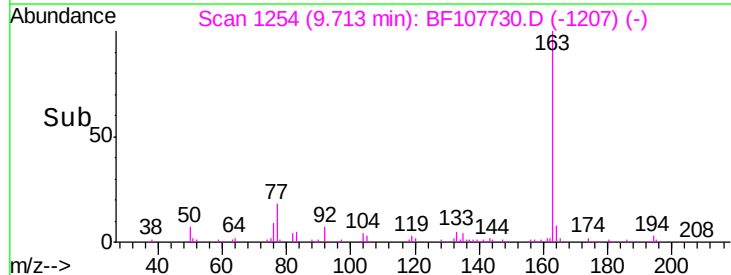
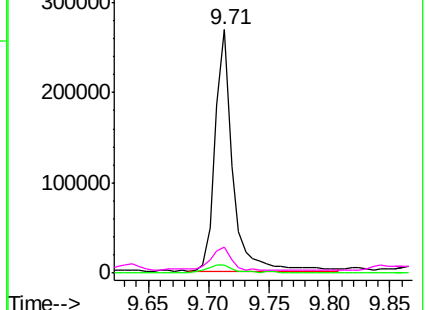
164 10.9 8.2 12.2

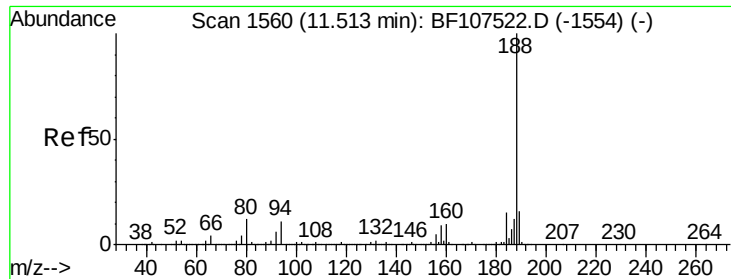


Abundance Ion 163.00 (162.70 to 163.70): E

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# 1557

Delta R.T. -0.02 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

Instrument :

BNA_F

ClientSampled :

MW-14B

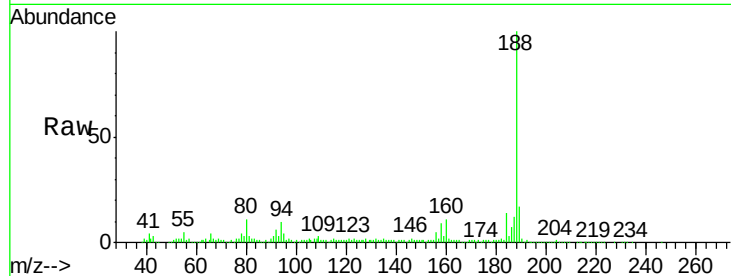
Tgt Ion:188 Resp: 491789

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

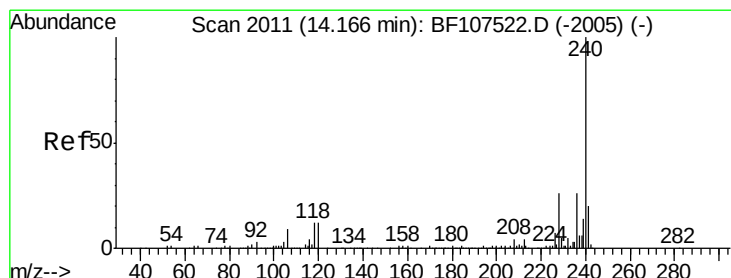
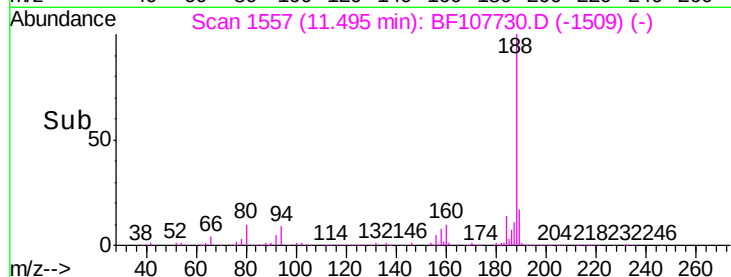
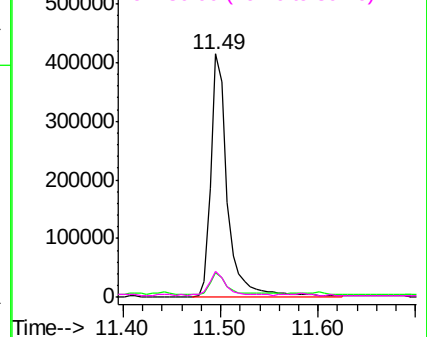
80 10.5 9.2 13.8



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: BF107730.D

Acq: 27 Jul 2018 6:24

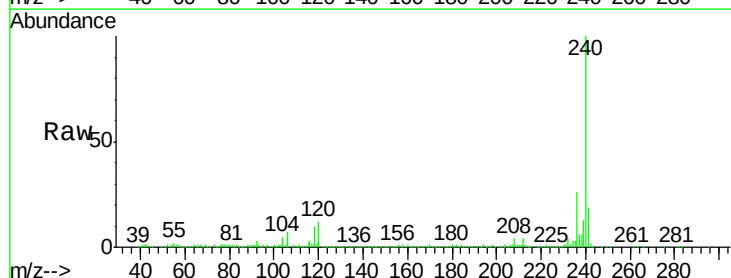
Tgt Ion:240 Resp: 400840

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

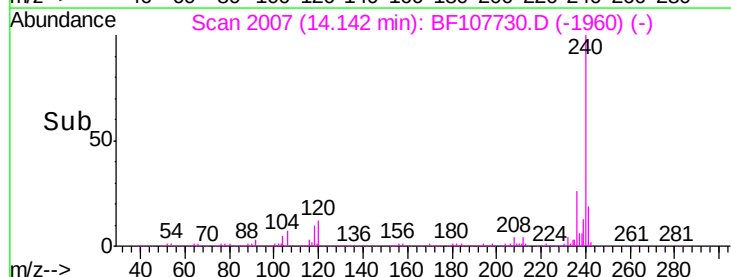
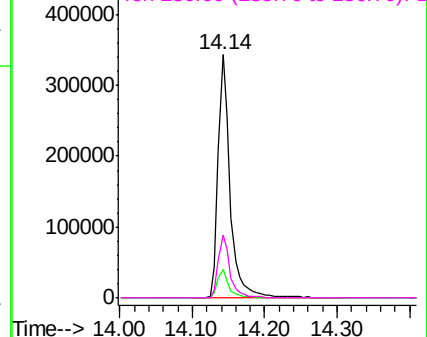
236 25.7 20.7 31.1

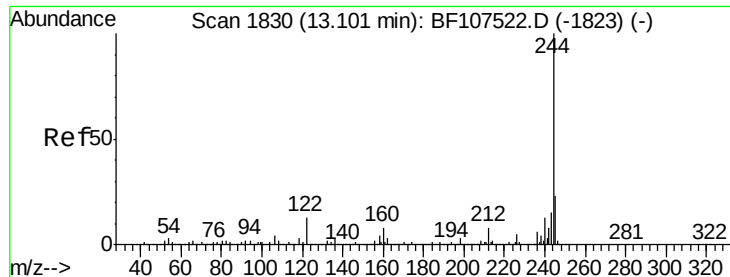


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.915 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

Instrument :

BNA_F

ClientSampleId :

MW-14B

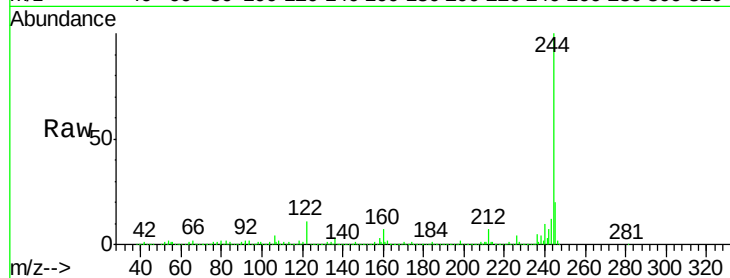
Tgt Ion:244 Resp: 1047705

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

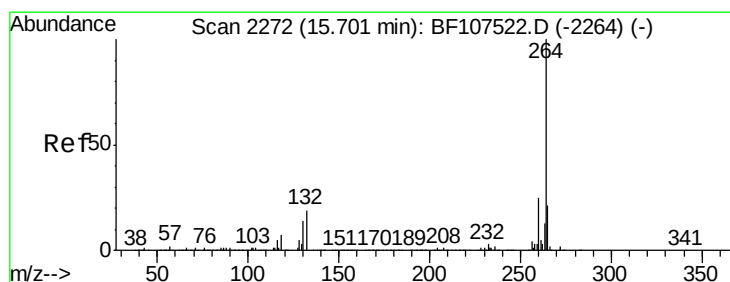
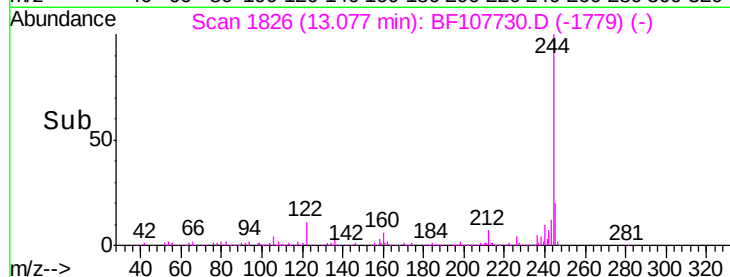
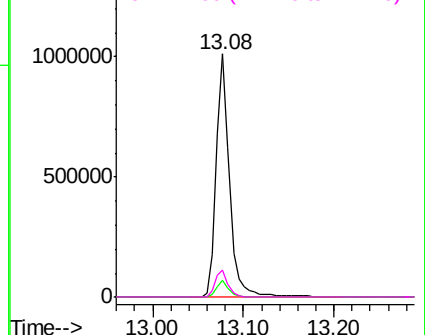
122 11.3 11.0 16.4



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: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107730.D

Acq: 27 Jul 2018 6:24

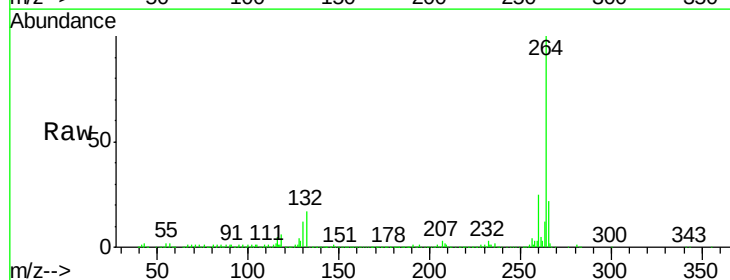
Tgt Ion:264 Resp: 429646

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.0 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

