

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101965.D
 Acq On : 9 Jan 2018 21:04
 Operator : SJ/JU
 Sample : J1043-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Jan 10 02:21:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

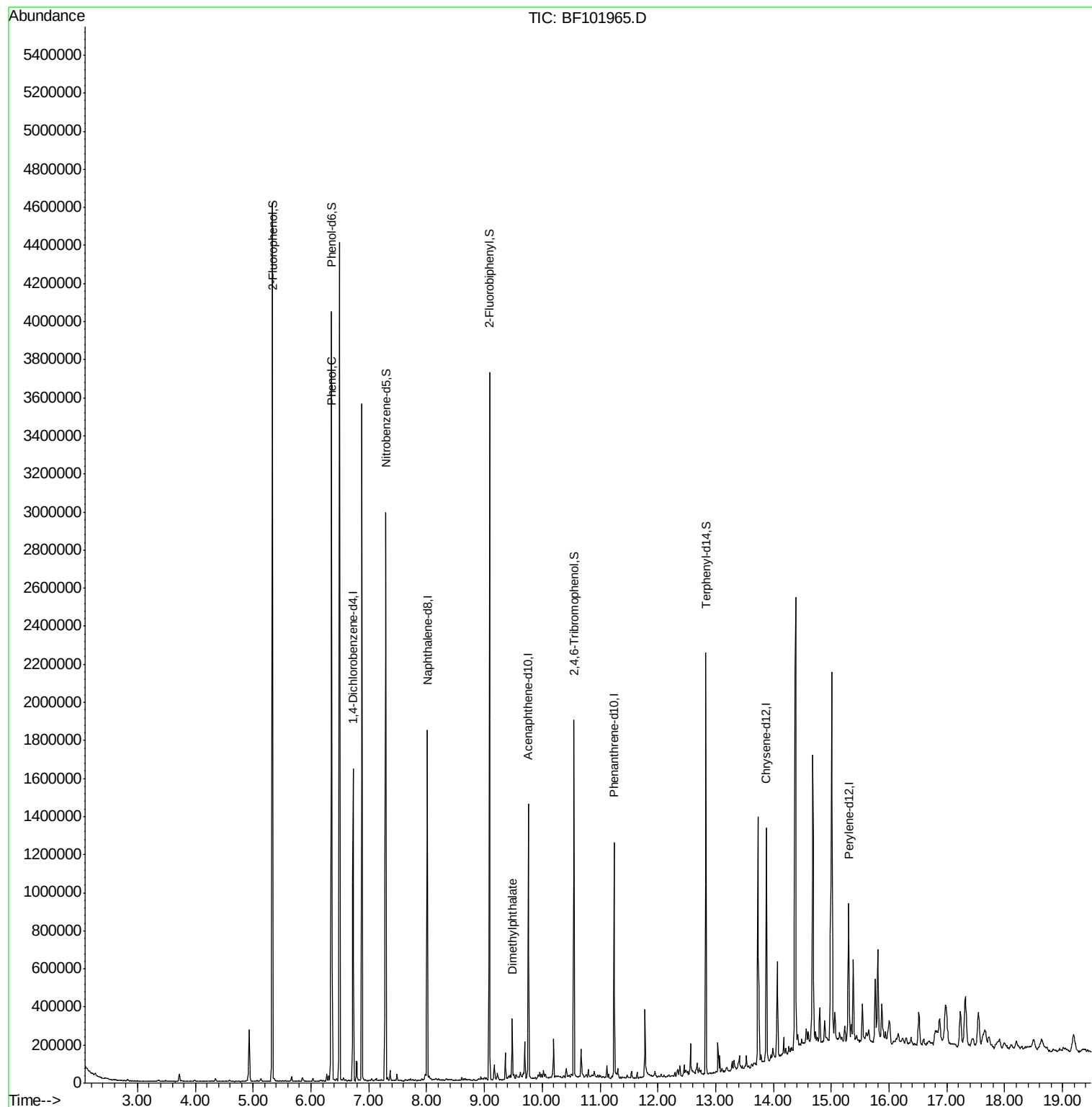
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	206224	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	744114	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	251430	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	398722	20.00	ng	0.00
75) Chrysene-d12	13.88	240	408394	20.00	ng	0.00
86) Perylene-d12	15.30	264	288610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1342065	91.90	ng	0.01
7) Phenol-d6	6.36	99	1548746	88.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	886012	69.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	178456	81.33	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1041394	64.71	ng	0.00
78) Terphenyl-d14	12.83	244	720555	36.63	ng	0.00
Target Compounds						
10) Phenol	6.37	94	78450	3.984	ng	99
49) Dimethylphthalate	9.48	163	94005	4.661	ng	100

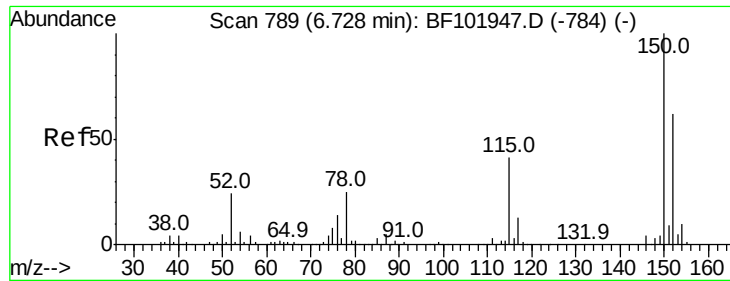
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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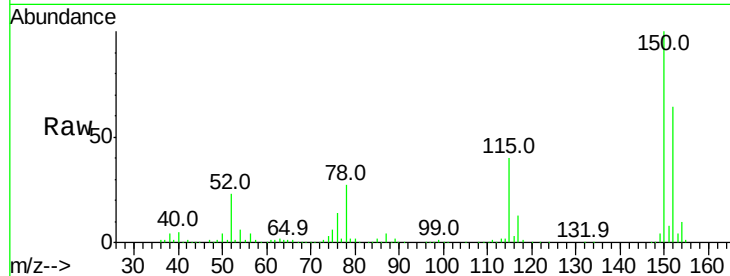


#1

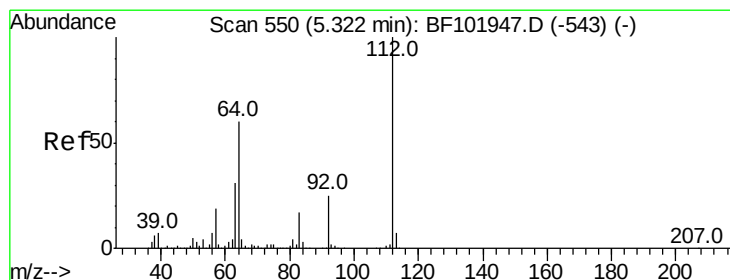
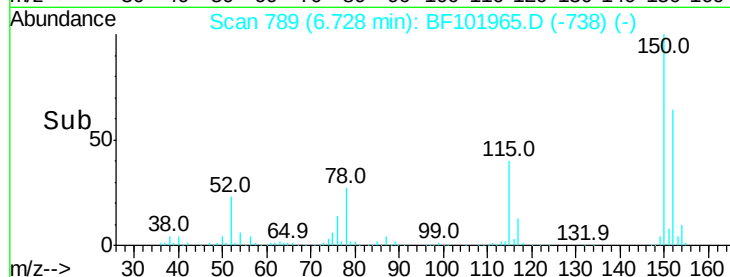
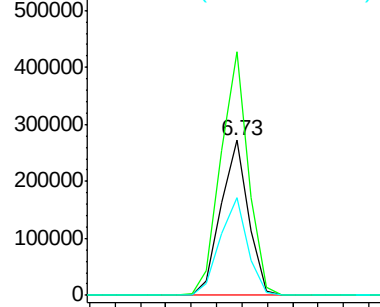
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101965.D
Acq: 9 Jan 2018 21:04

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion:152 Resp: 206224
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.7 50.1 75.1



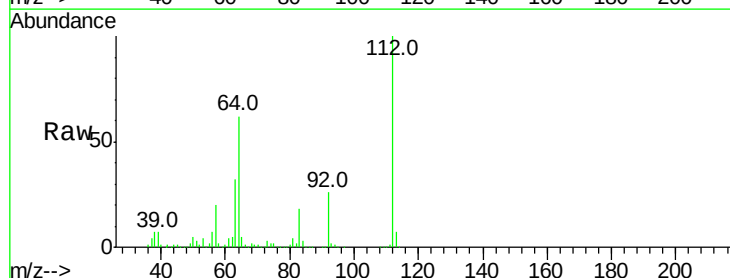
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



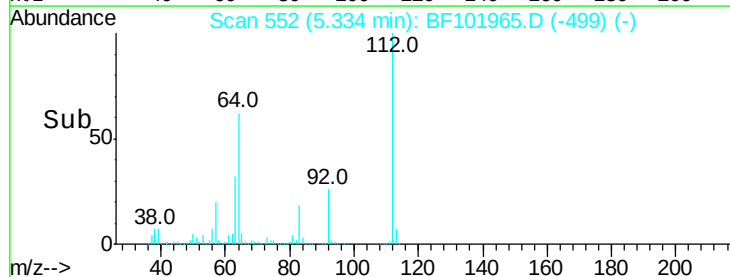
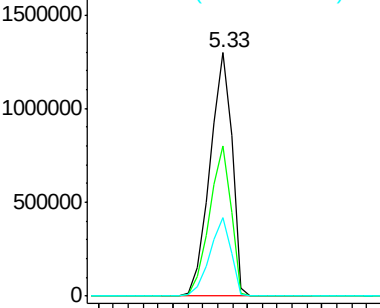
#5

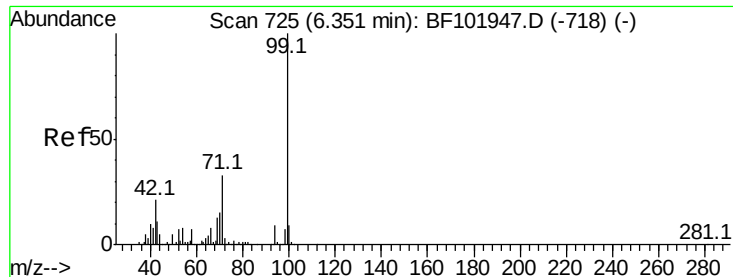
2-Fluorophenol
Concen: 91.895 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101965.D
Acq: 9 Jan 2018 21:04

Tgt Ion:112 Resp: 1342065
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 32.3 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: 88.884 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

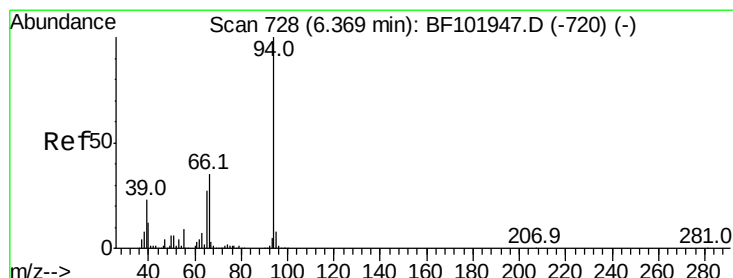
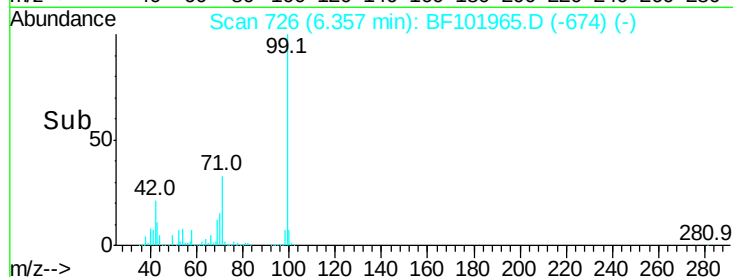
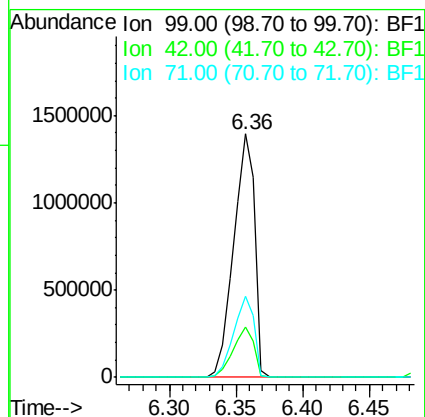
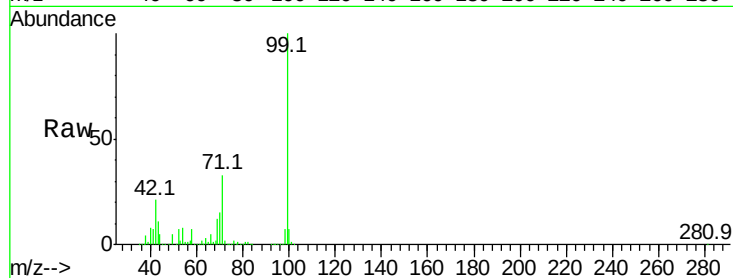
Tot Ion: 99 Resp: 1548746

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 3.984 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

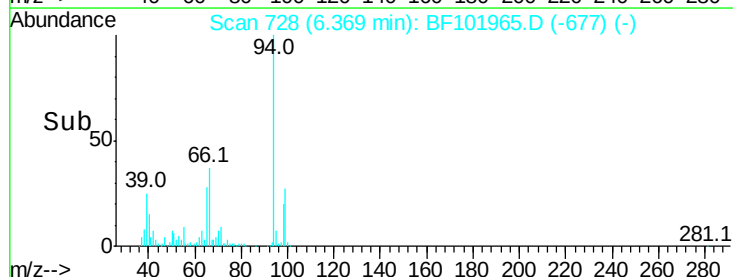
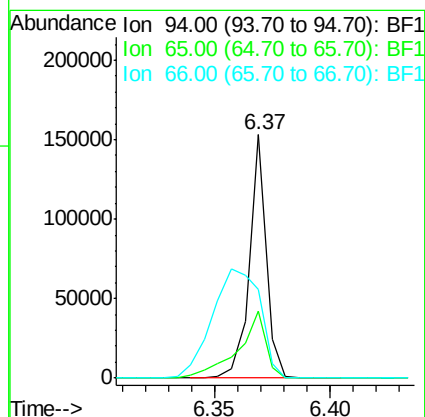
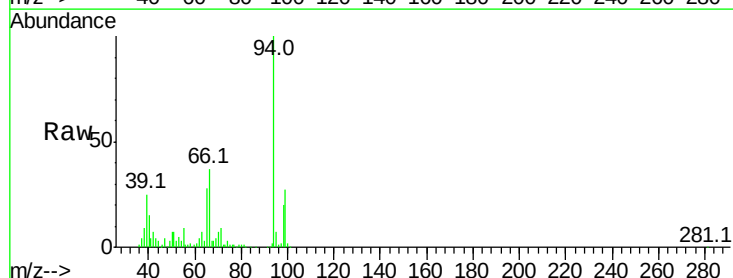
Tgt Ion: 94 Resp: 78450

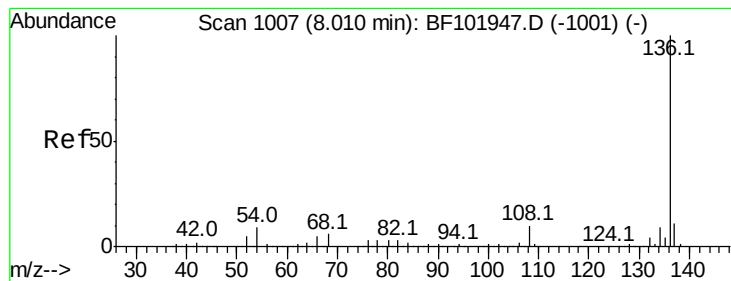
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 36.6 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tot Ion:136 Resp: 744114

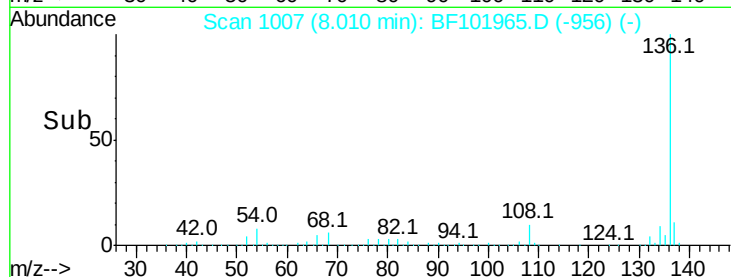
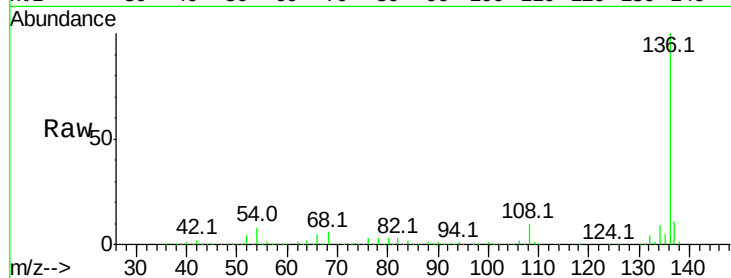
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 6.6 9.8

68 6.2 5.0 7.4

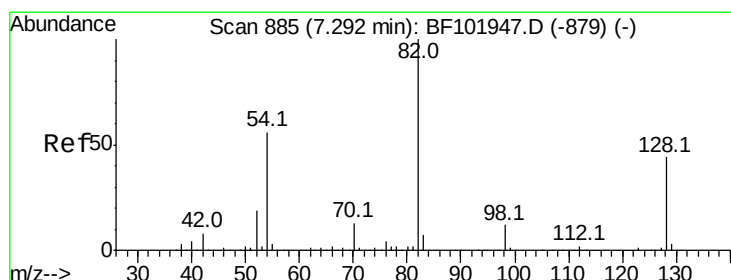
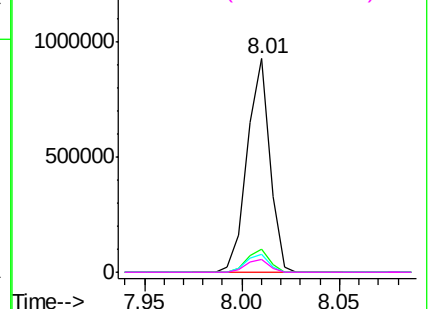


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.970 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

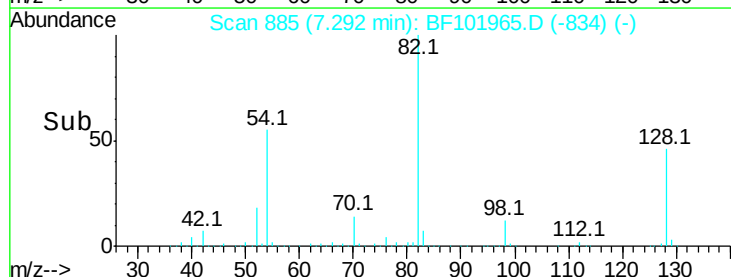
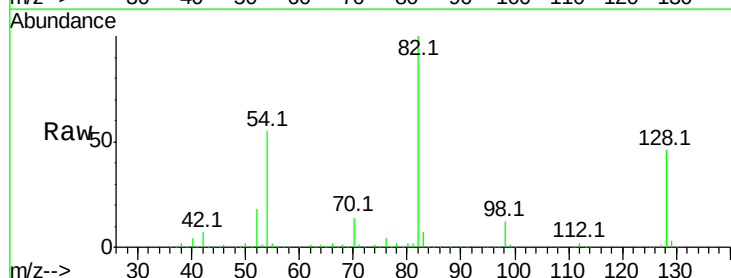
Tgt Ion: 82 Resp: 886012

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

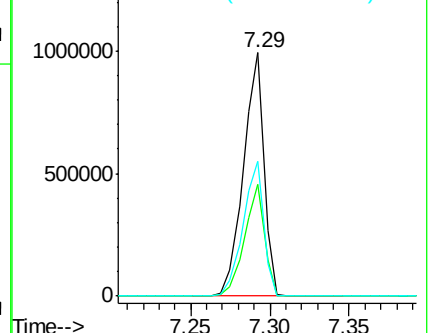
54 55.5 41.4 62.2

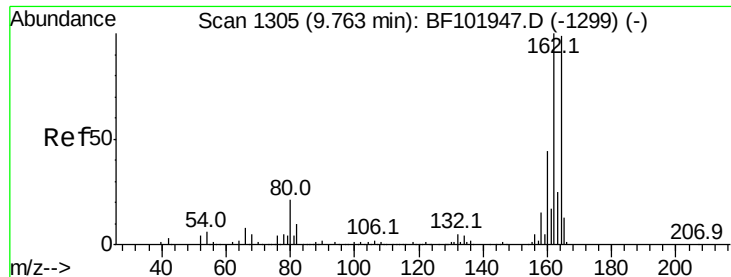


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

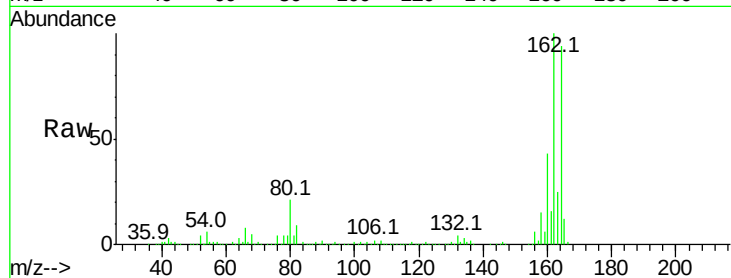
Tot Ion:164 Resp: 251430

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

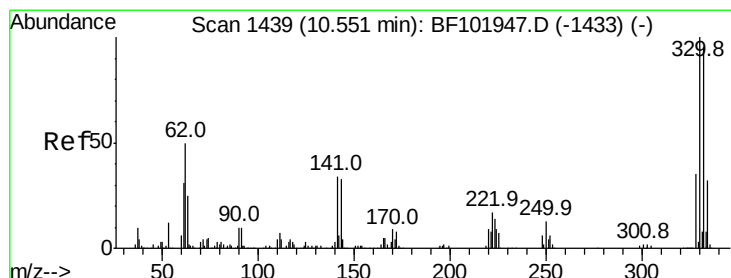
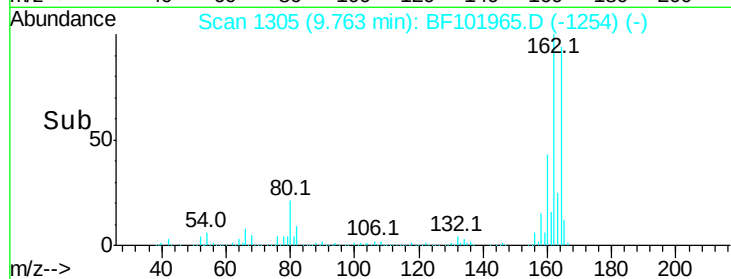
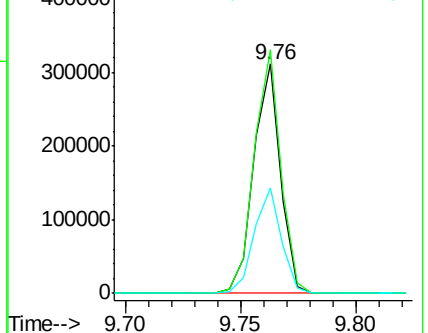
160 45.9 38.3 57.5



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: 81.331 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

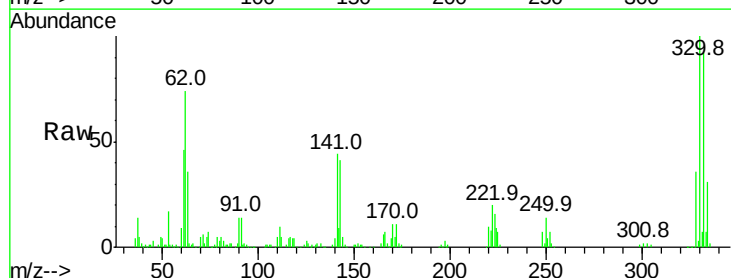
Tgt Ion:330 Resp: 178456

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

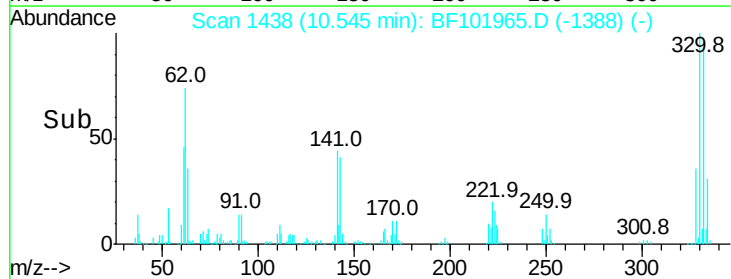
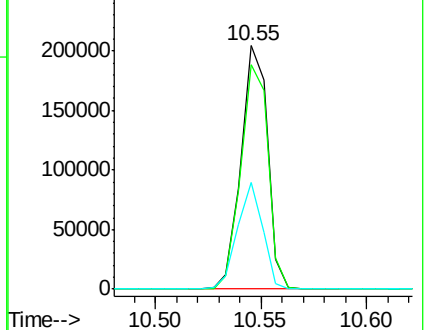
141 41.4 29.9 44.9

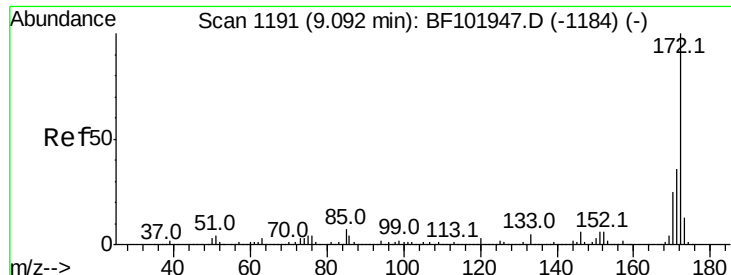


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

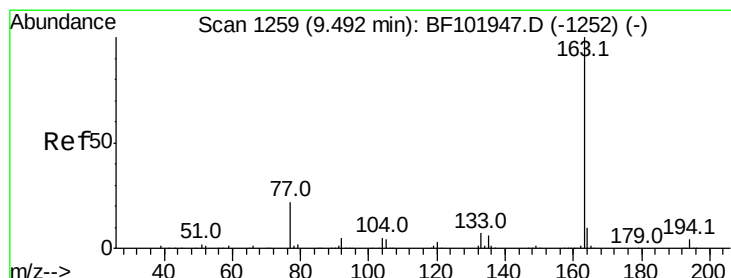
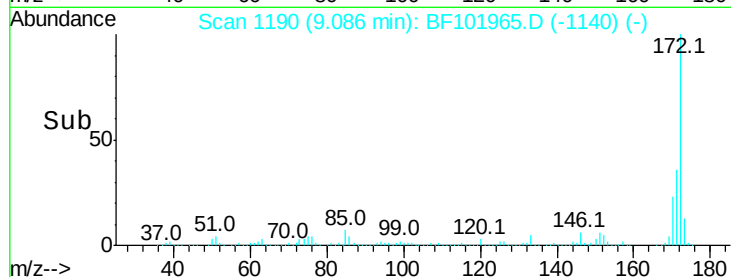
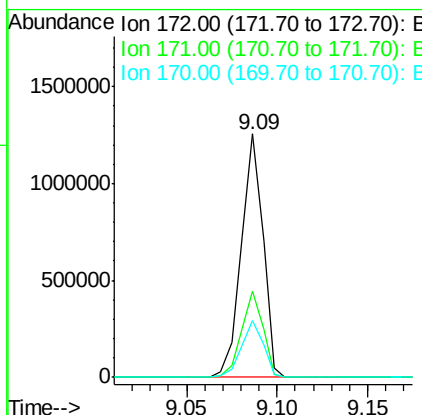
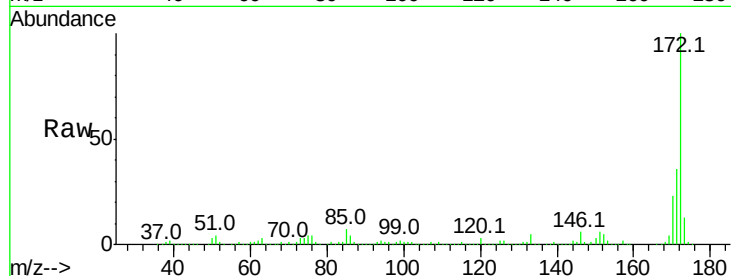




#44
2-Fluorobiphenyl
Concen: 64.707 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101965.D
Acq: 9 Jan 2018 21:04

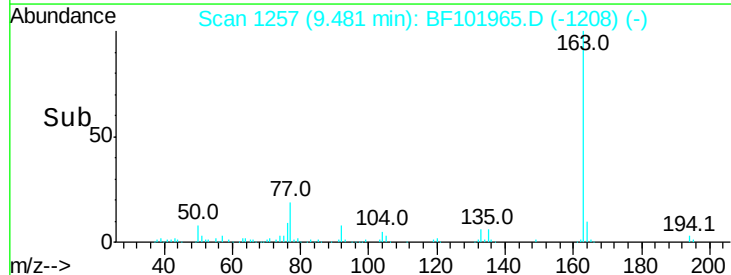
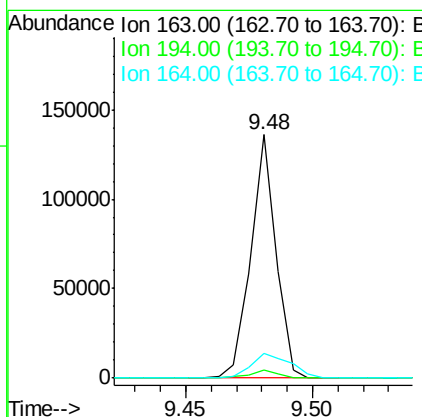
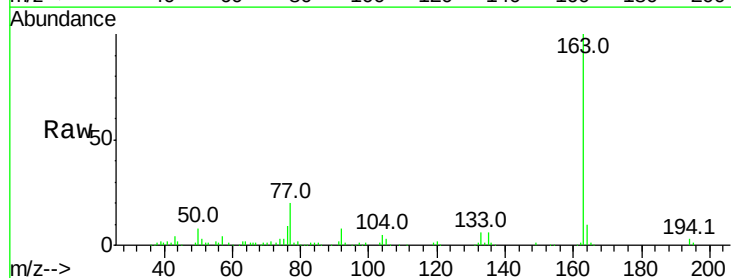
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

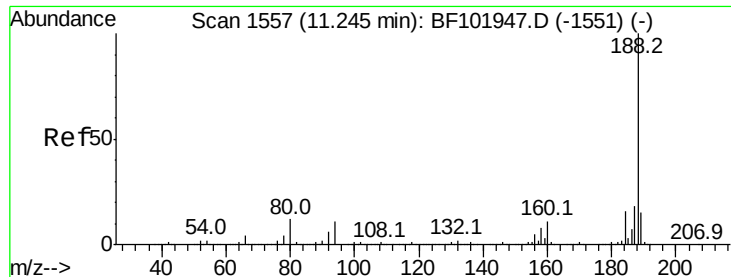
Tot Ion:172 Resp: 1041394
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 4.661 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101965.D
Acq: 9 Jan 2018 21:04

Tgt Ion:163 Resp: 94005
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.2 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

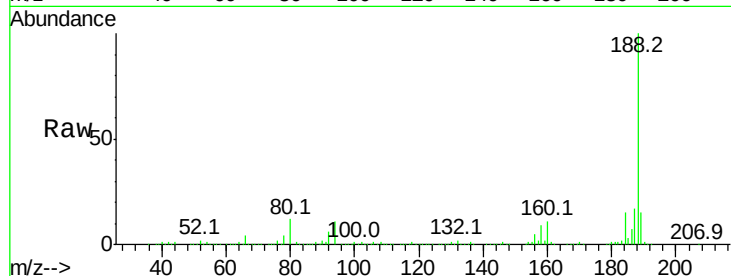
Tot Ion:188 Resp: 398722

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

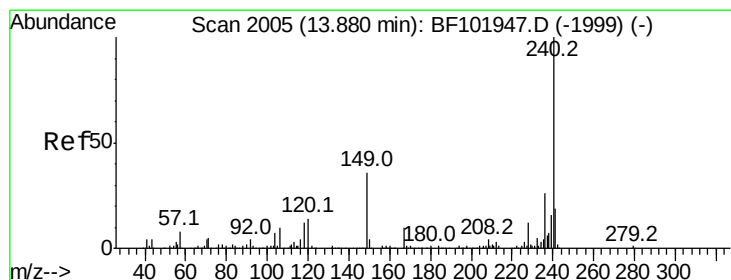
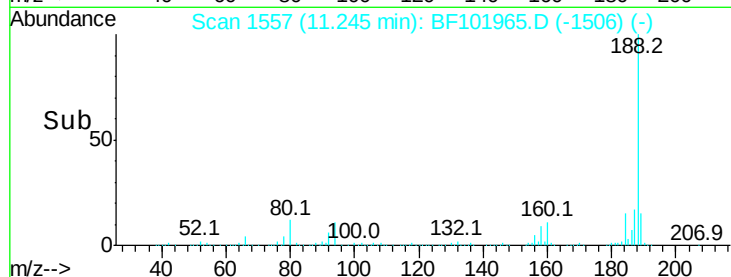
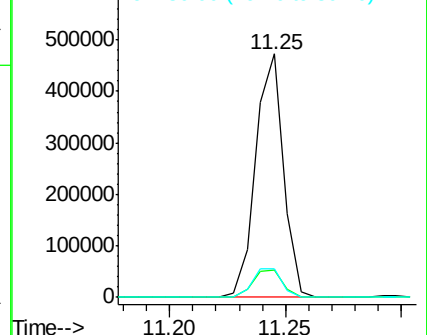
80 11.8 9.2 13.8



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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

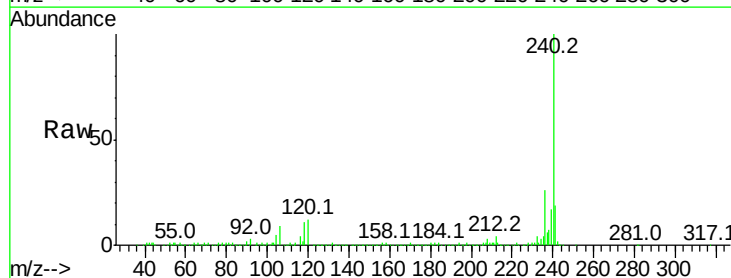
Tgt Ion:240 Resp: 408394

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

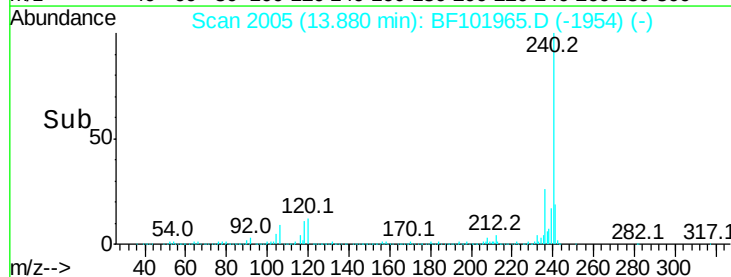
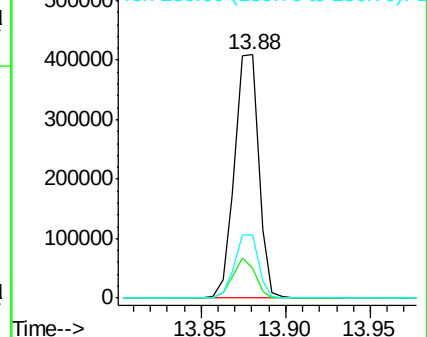
236 25.7 20.7 31.1

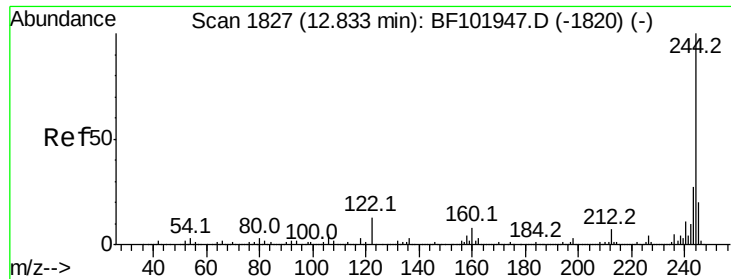


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 36.633 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

Instrument :

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SB-05-COMP

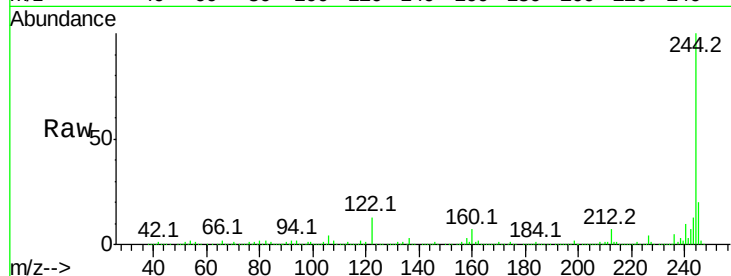
Tot Ion:244 Resp: 720555

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

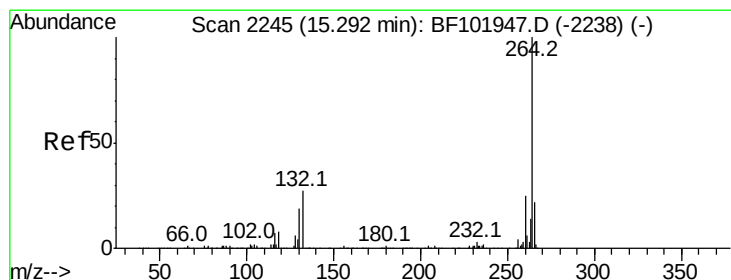
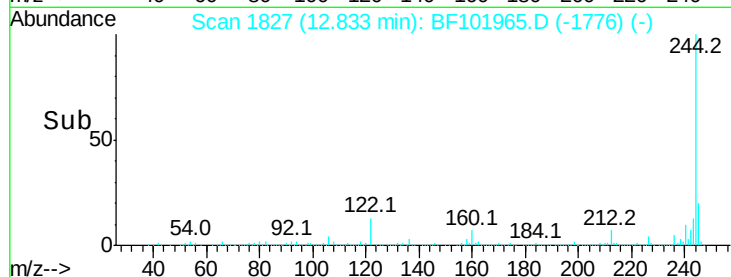
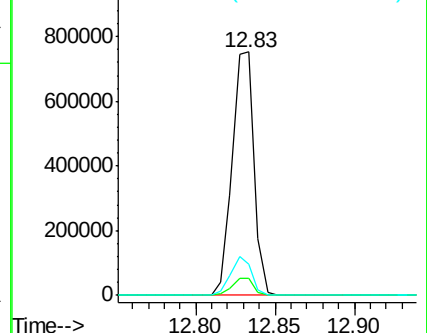
122 12.7 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101965.D

Acq: 9 Jan 2018 21:04

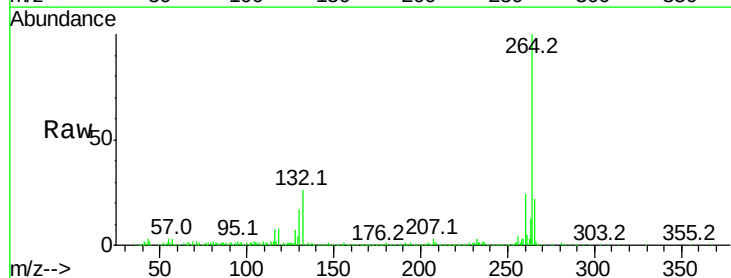
Tgt Ion:264 Resp: 288610

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 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

