

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102107.D
 Acq On : 16 Jan 2018 14:15
 Operator : SJ/JU
 Sample : J1114-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-2.0-2.5

Quant Time: Jan 17 00:41:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

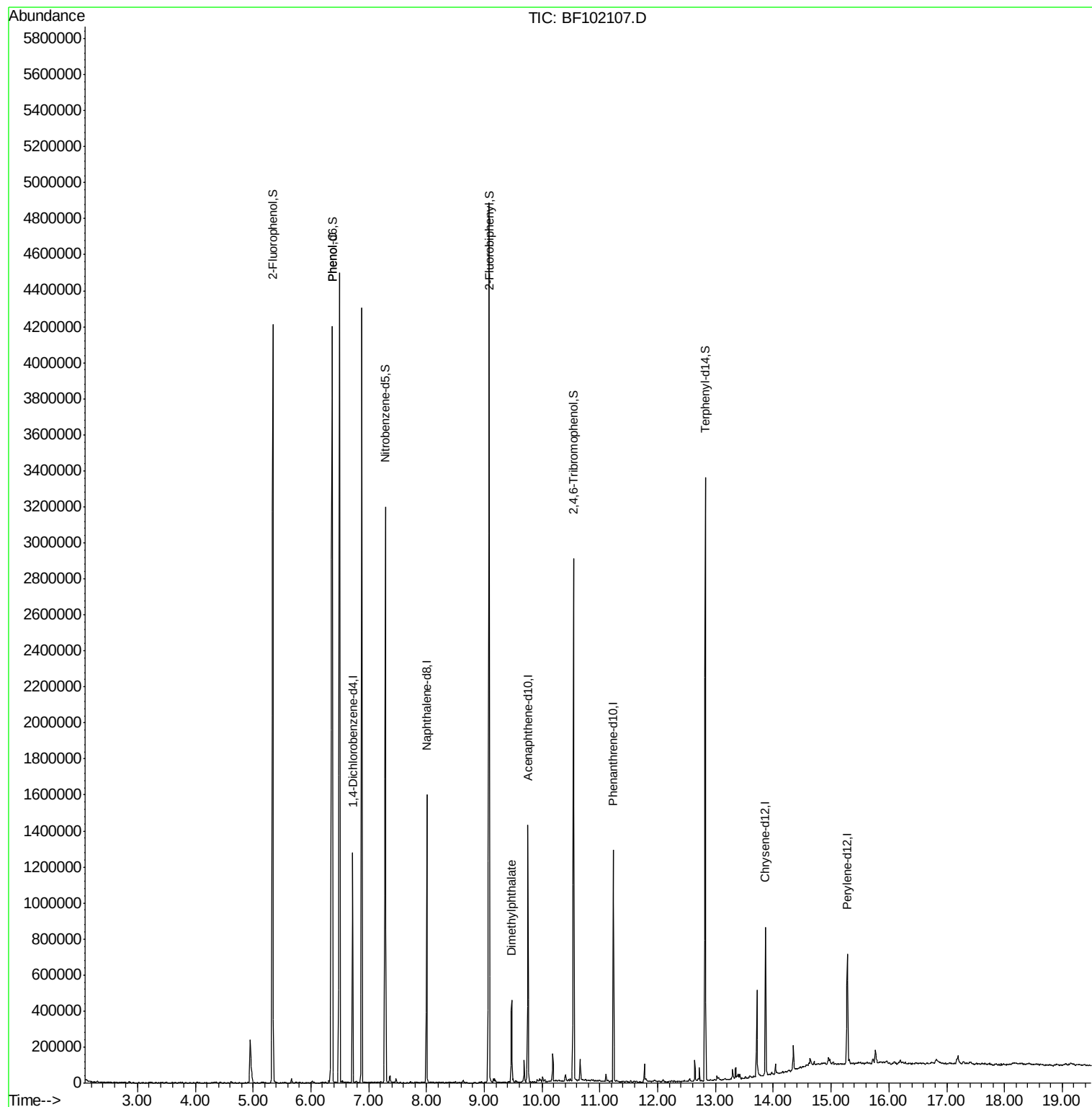
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172434	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	685860	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	285398	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	425867	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	286652	20.00	ng	-0.01
86) Perylene-d12	15.28	264	249388	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1521728	124.62	ng	0.01
7) Phenol-d6	6.37	99	1806473	123.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	1167560	100.04	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	354259	142.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1801122	98.59	ng	-0.01
78) Terphenyl-d14	12.82	244	1259966	91.26	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	54996	3.340	ng	91
49) Dimethylphthalate	9.47	163	176414	7.705	ng	98

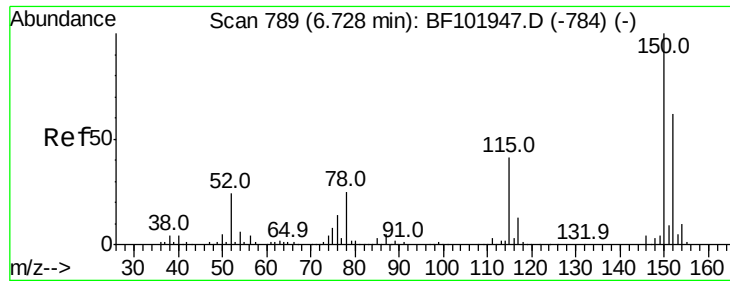
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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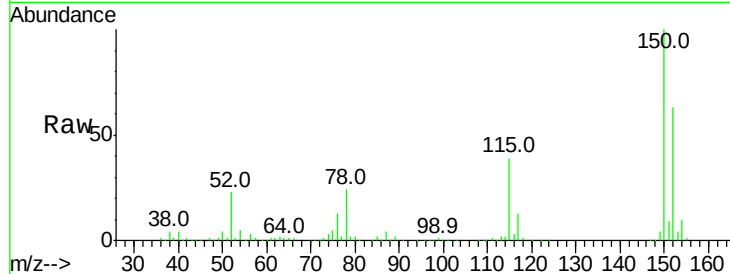


#1

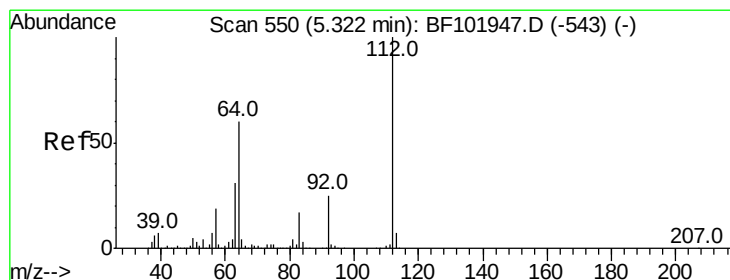
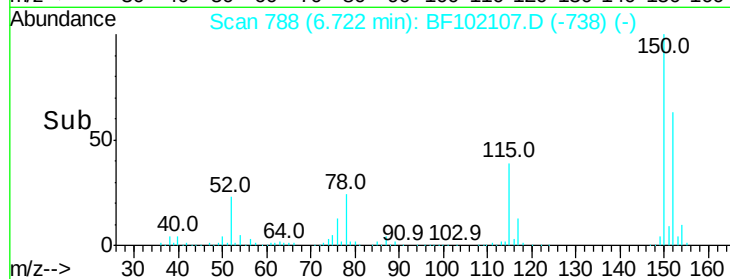
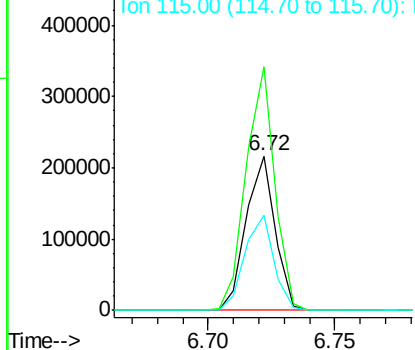
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Instrument :
BNA_F
ClientSampleId :
SB-28-2.0-2.5

Tot Ion:152 Resp: 172434
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 61.5 50.1 75.1



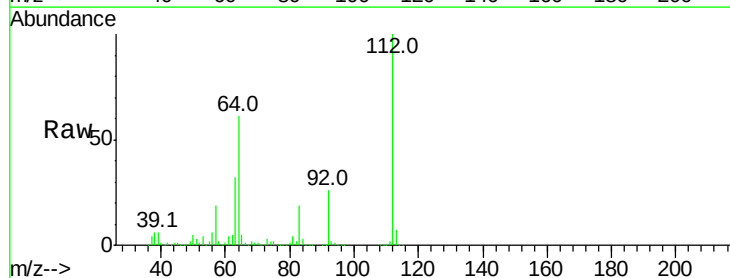
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



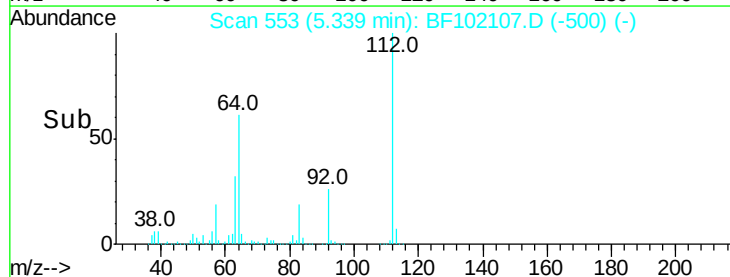
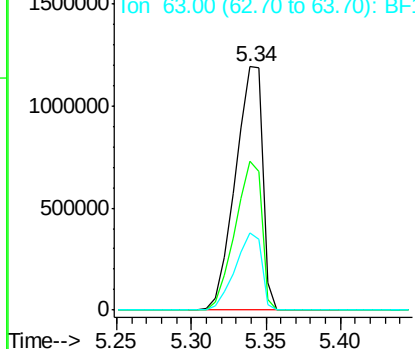
#5

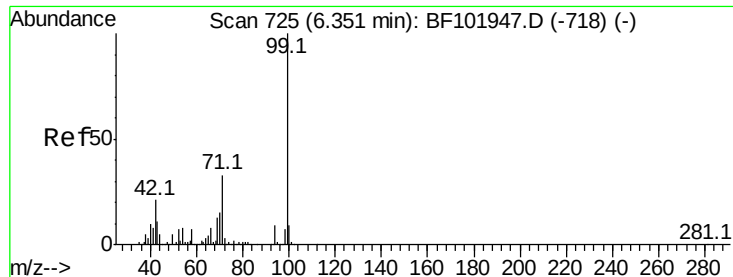
2-Fluorophenol
Concen: 124.616 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Tgt Ion:112 Resp: 1521728
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.7 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: 123.991 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampleId :

SB-28-2.0-2.5

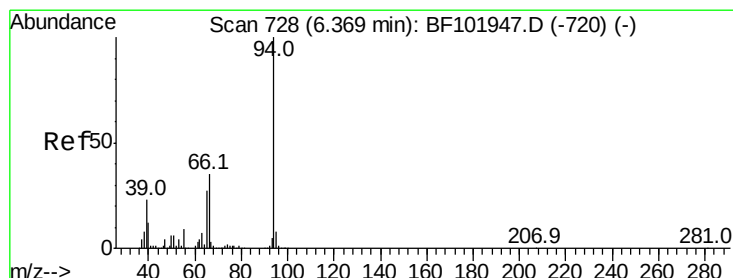
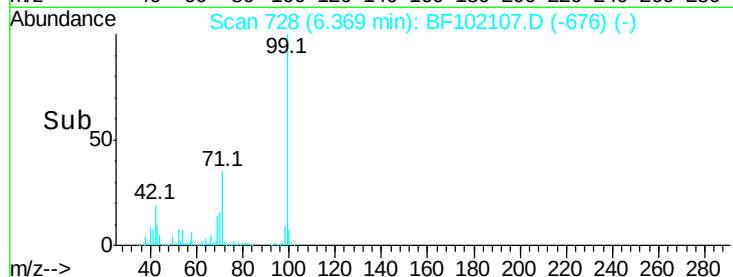
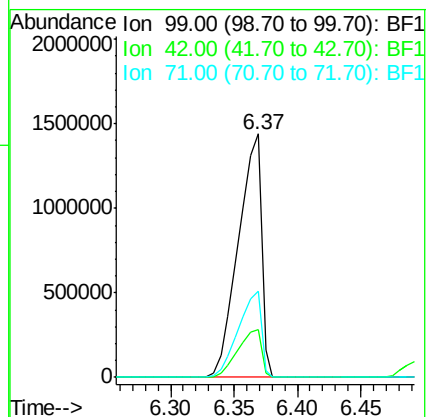
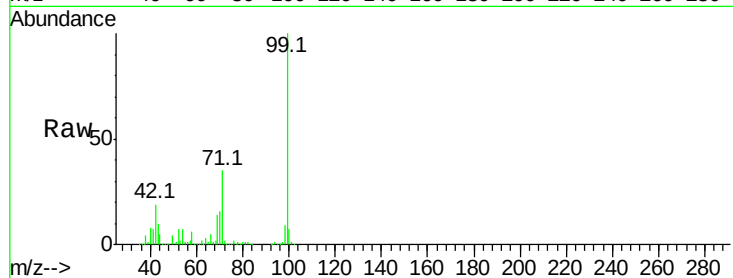
Tot Ion: 99 Resp: 1806473

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 35.4 25.4 38.0



#10

Phenol

Concen: 3.340 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

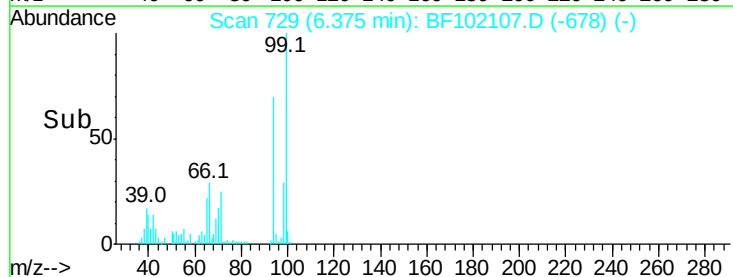
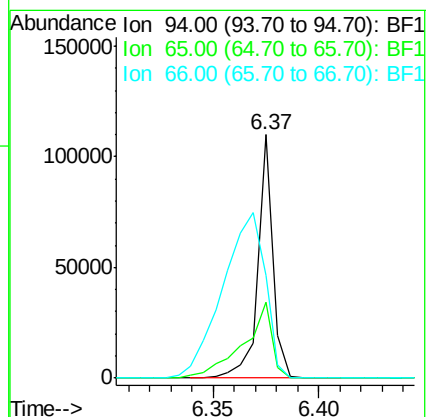
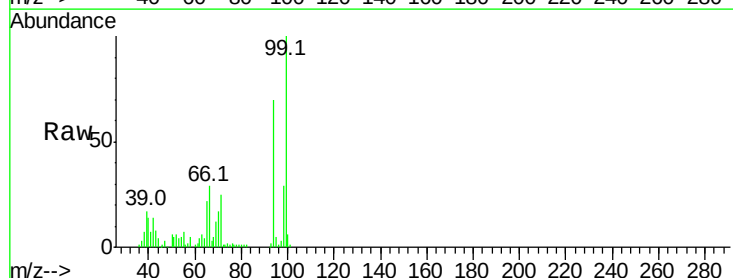
Tgt Ion: 94 Resp: 54996

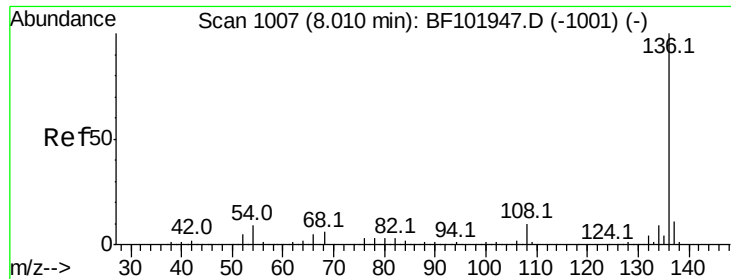
Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

66 42.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampleId :

SB-28-2.0-2.5

Tot Ion:136 Resp: 685860

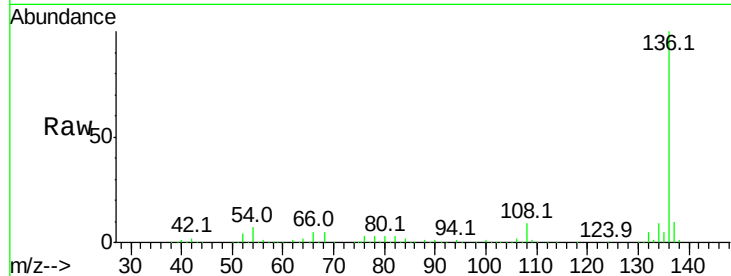
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.4 6.6 9.8

68 5.0 5.0 7.4

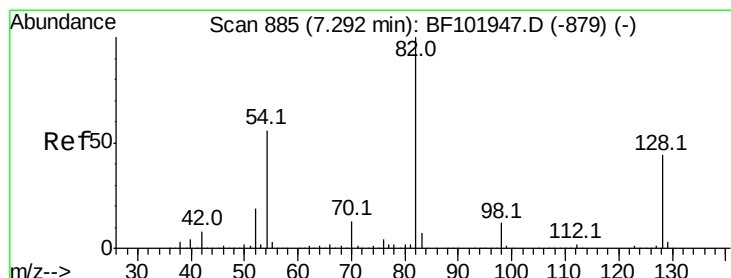
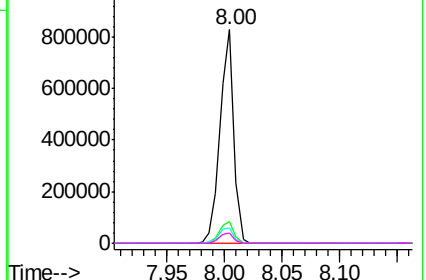
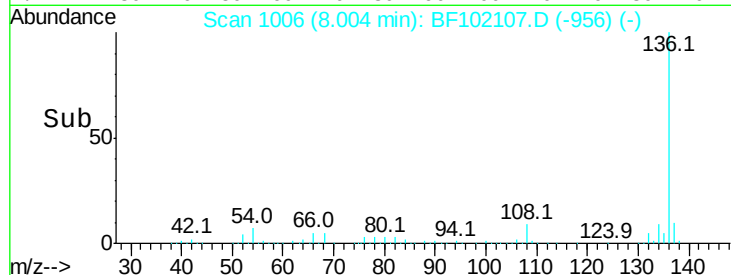


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.036 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

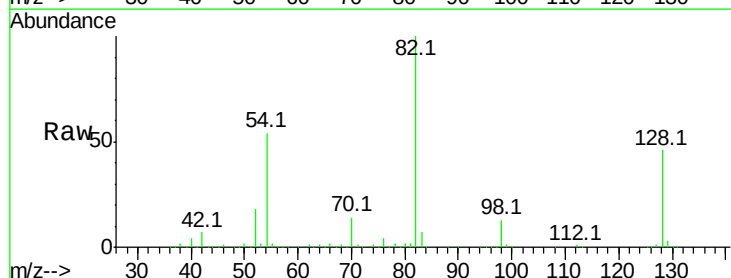
Tgt Ion: 82 Resp: 1167560

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

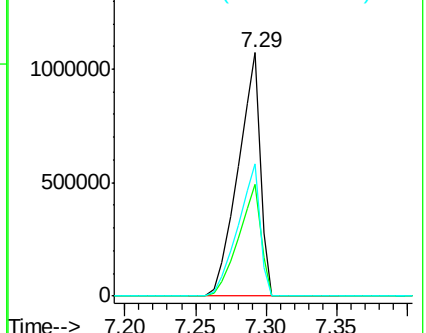
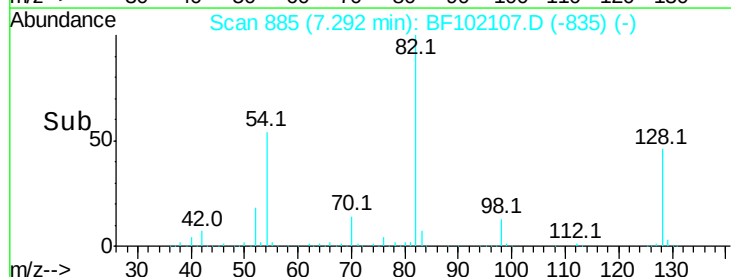
54 54.3 41.4 62.2

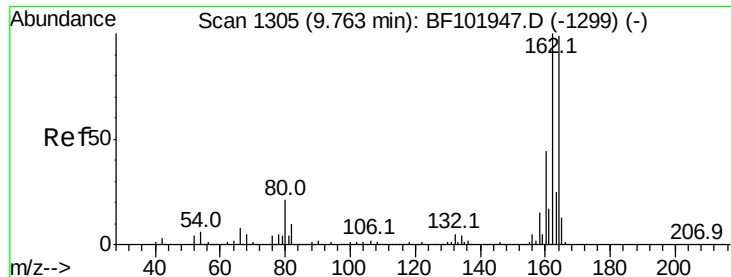


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1304

Delta R.T. -0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampleId :

SB-28-2.0-2.5

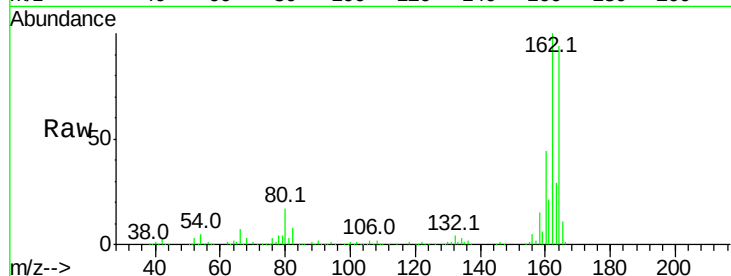
Tot Ion:164 Resp: 285398

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

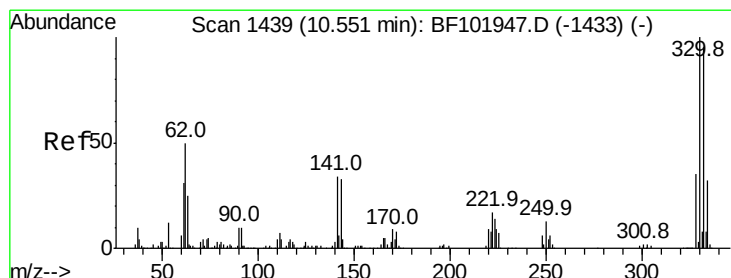
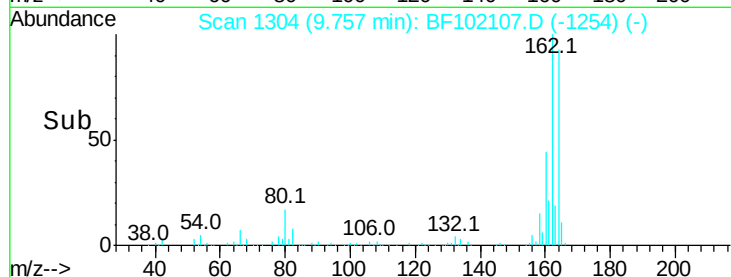
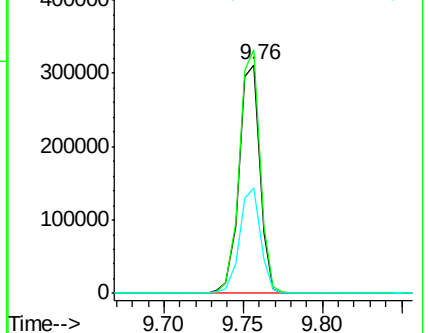
160 46.4 38.3 57.5



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: 142.237 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

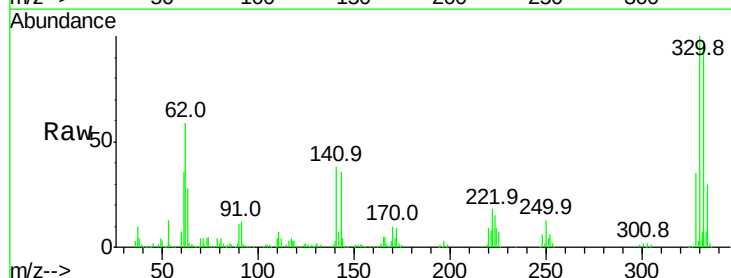
Tgt Ion:330 Resp: 354259

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

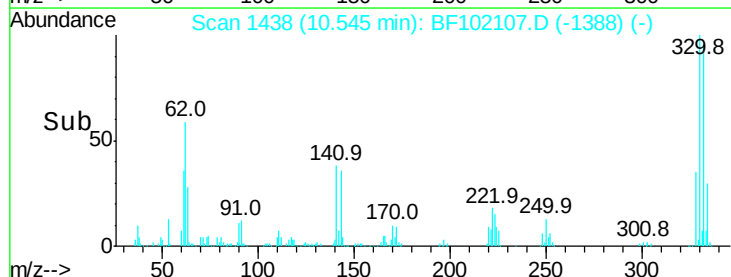
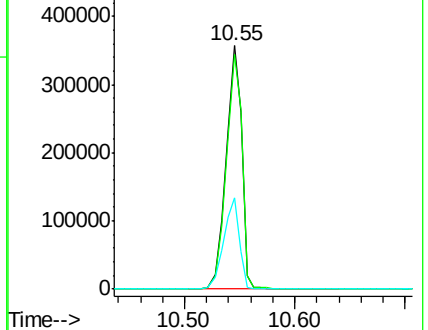
141 37.6 29.9 44.9

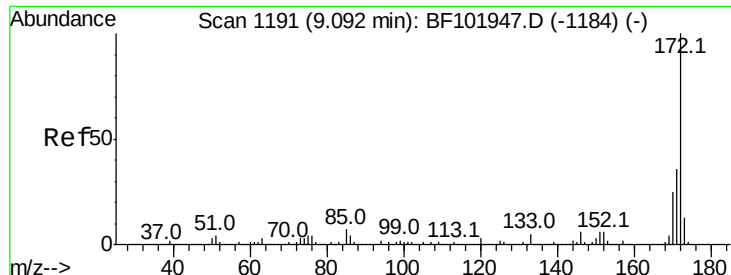


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

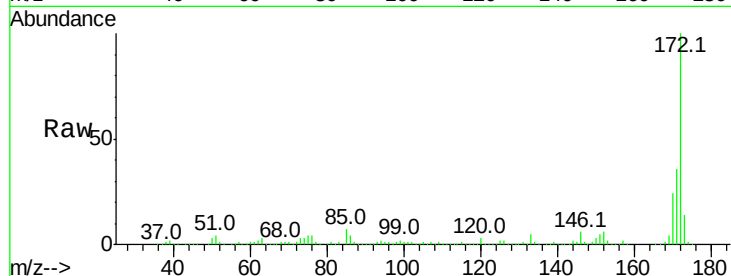




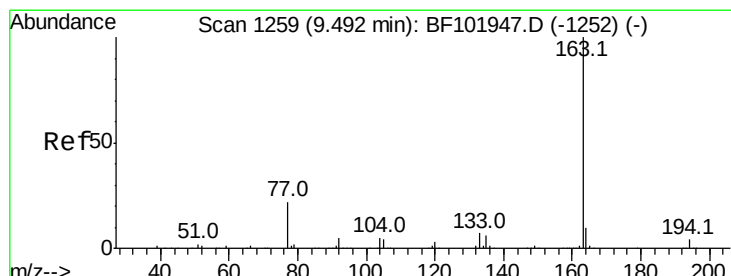
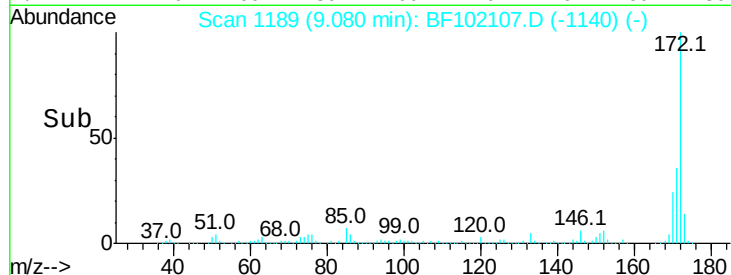
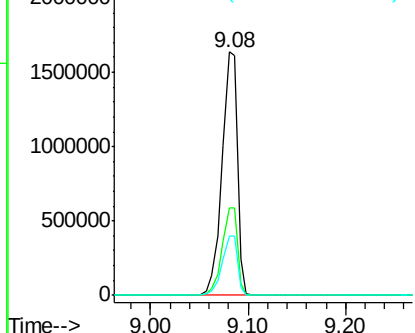
#44
2-Fluorobiphenyl
Concen: 98.594 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Instrument :
BNA_F
ClientSampleId :
SB-28-2.0-2.5

Tot Ion:172 Resp: 1801122
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.4 19.6 29.4

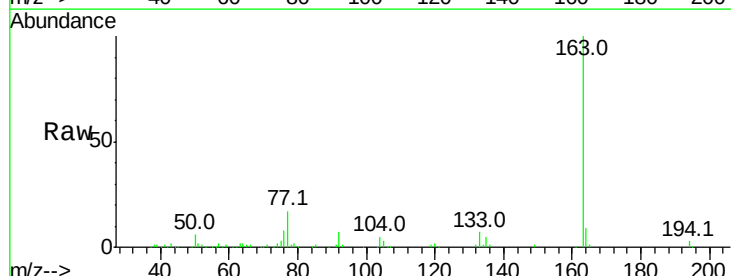


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

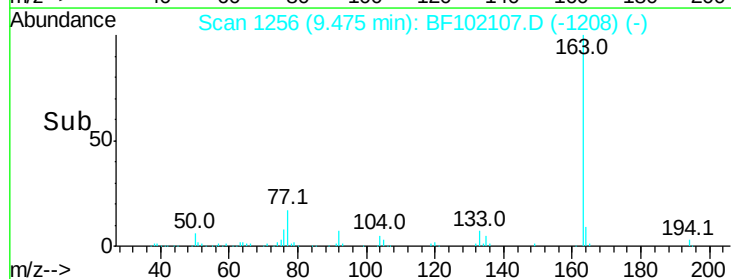
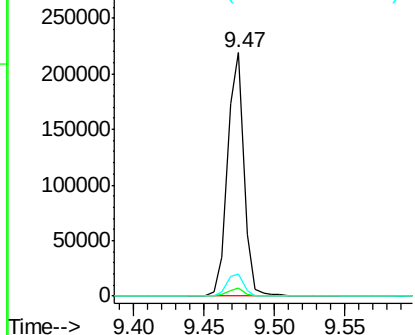


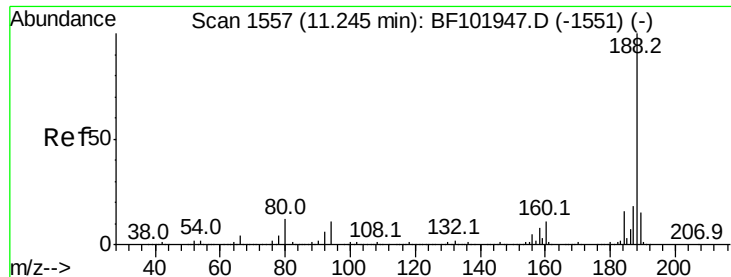
#49
Dimethylphthalate
Concen: 7.705 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Tgt Ion:163 Resp: 176414
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.2 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

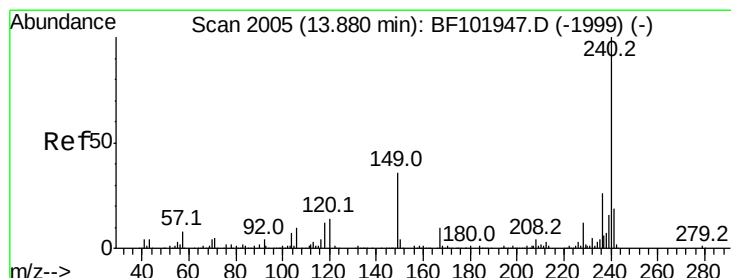
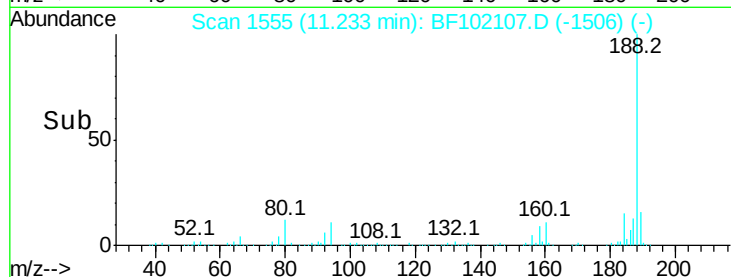
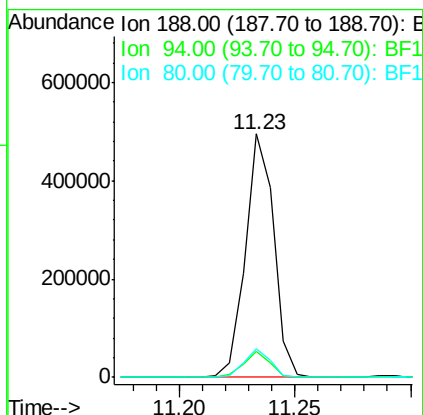
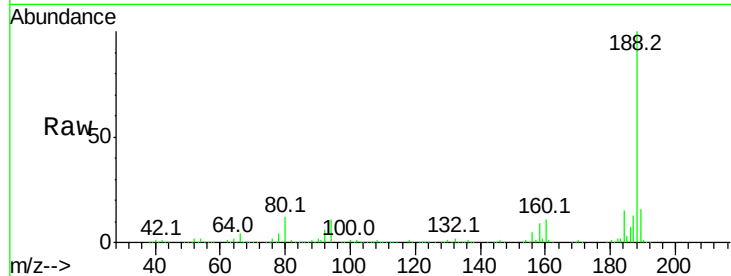




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

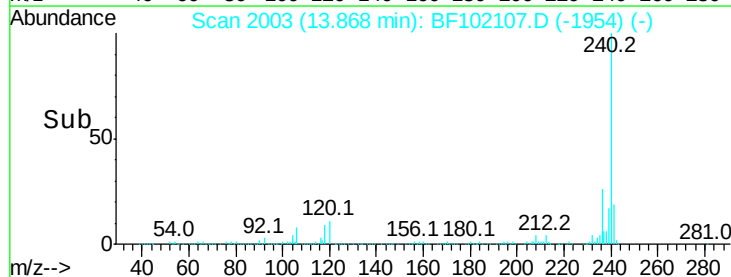
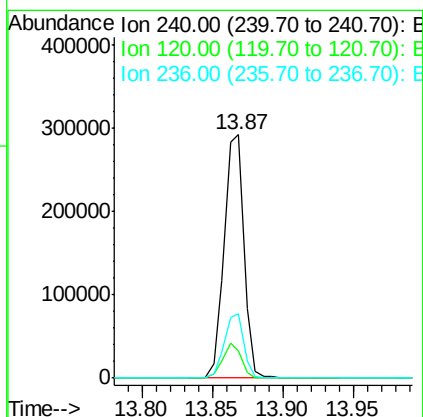
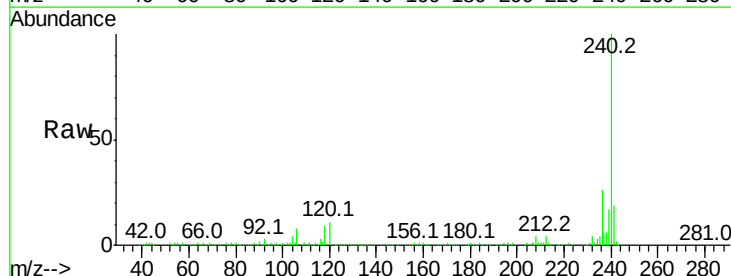
Instrument :
BNA_F
ClientSampleId :
SB-28-2.0-2.5

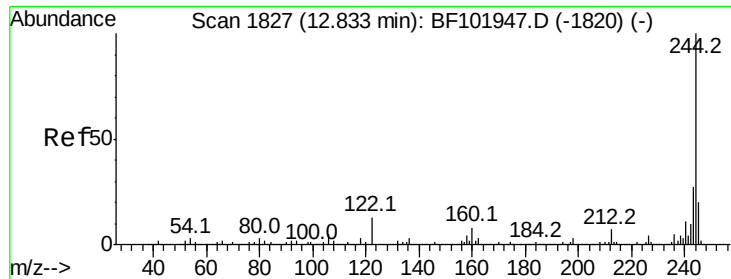
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102107.D
Acq: 16 Jan 2018 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.3	20.7	31.1





#78

Terphenyl-d14

Concen: 91.261 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

Instrument :

BNA_F

ClientSampleId :

SB-28-2.0-2.5

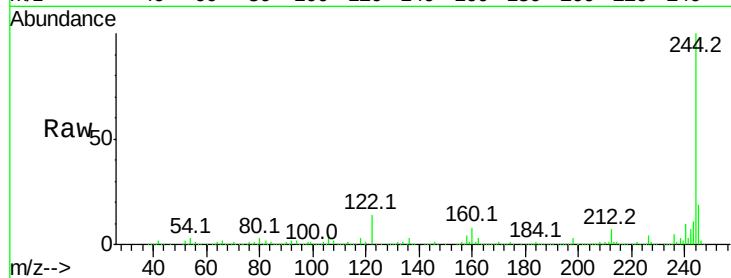
Tot Ion:244 Resp: 1259966

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

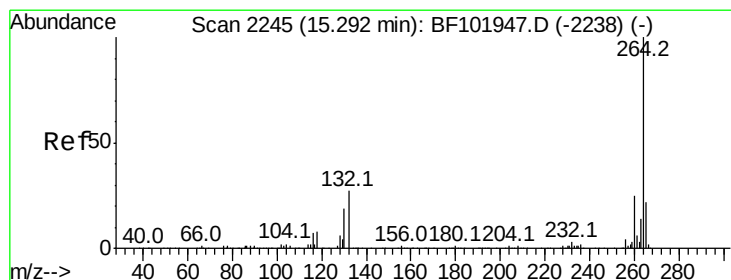
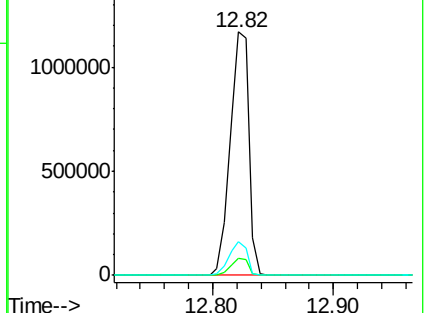
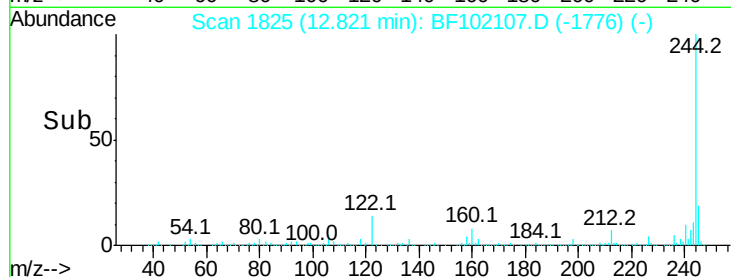
122 13.8 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102107.D

Acq: 16 Jan 2018 14:15

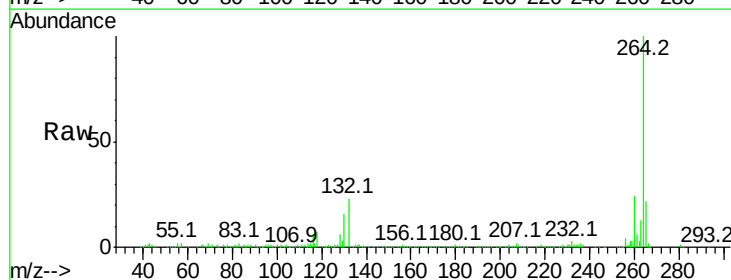
Tgt Ion:264 Resp: 249388

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

