

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102454.D
 Acq On : 26 Jan 2018 5:05
 Operator : SJ/JU
 Sample : J1251-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-3(0-2)

Quant Time: Jan 26 06:08:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

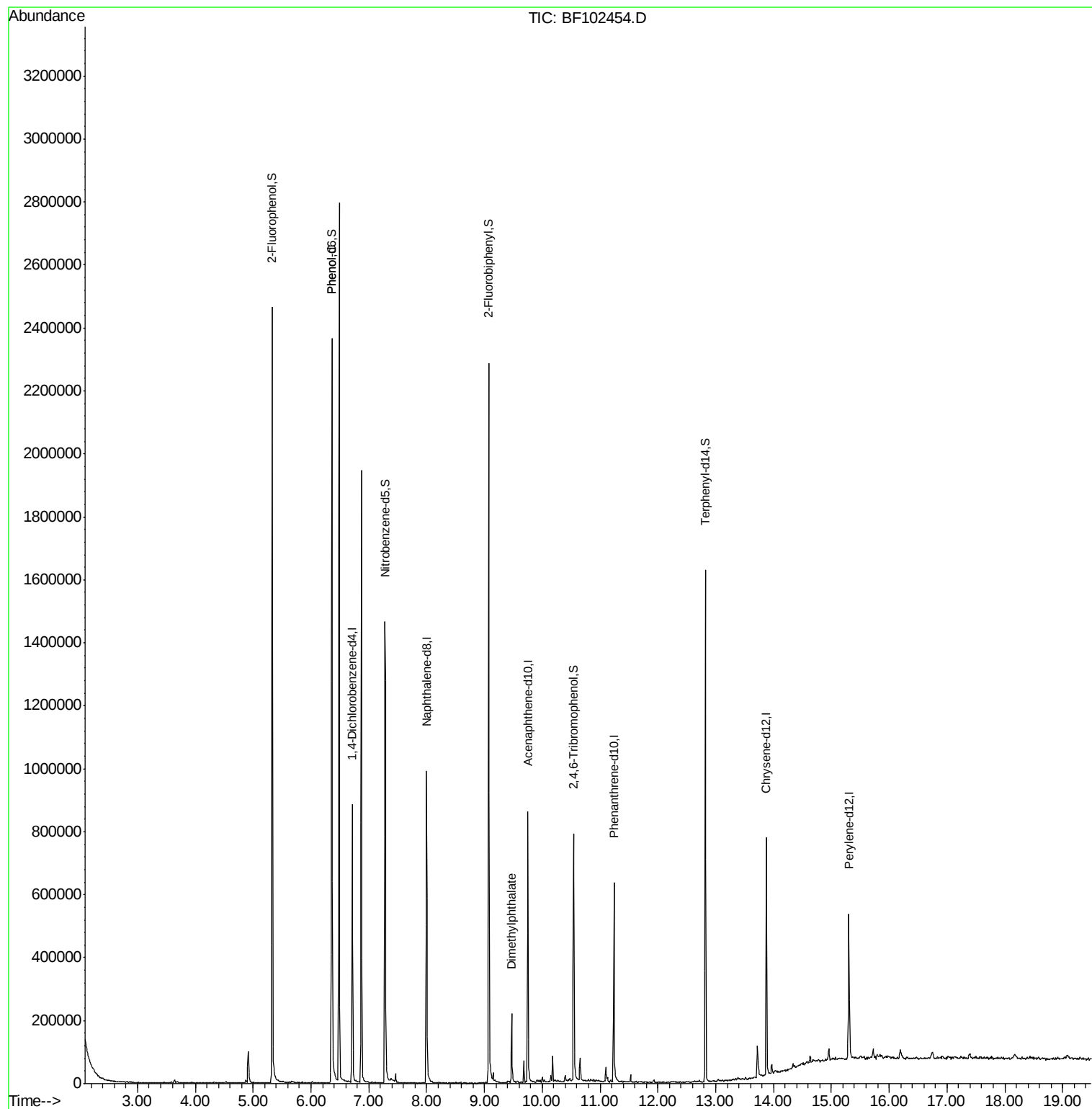
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124040	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470009	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	169965	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	261295	20.00	ng	0.00
75) Chrysene-d12	13.87	240	259892	20.00	ng	0.00
86) Perylene-d12	15.30	264	201353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	764727	93.48	ng	0.00
7) Phenol-d6	6.36	99	896079	90.86	ng	0.00
23) Nitrobenzene-d5	7.28	82	518226	63.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	96283	57.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	726719	62.87	ng	0.00
78) Terphenyl-d14	12.82	244	515368	44.70	ng	0.00
Target Compounds						
10) Phenol	6.37	94	41762	3.879	ng	88
49) Dimethylphthalate	9.47	163	92069	6.554	ng	98

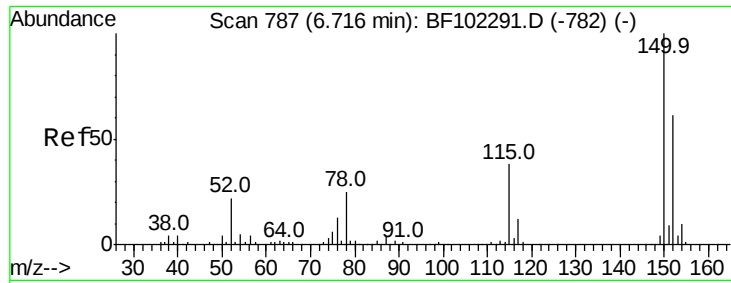
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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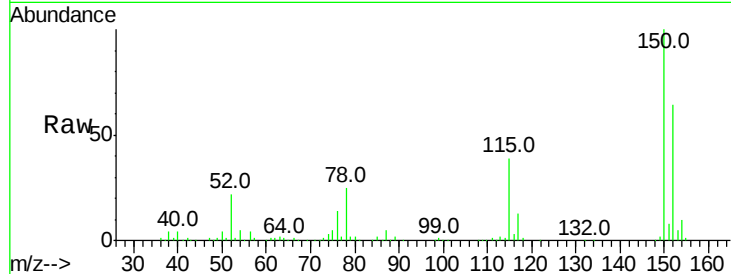


#1

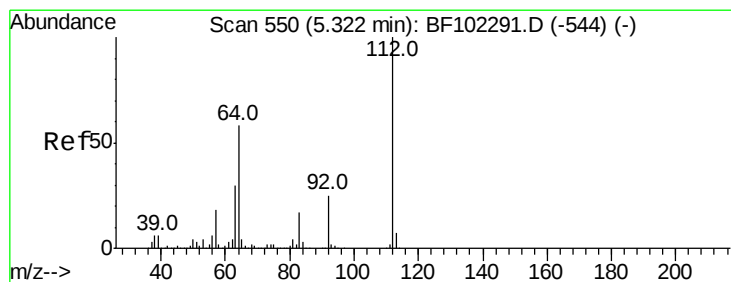
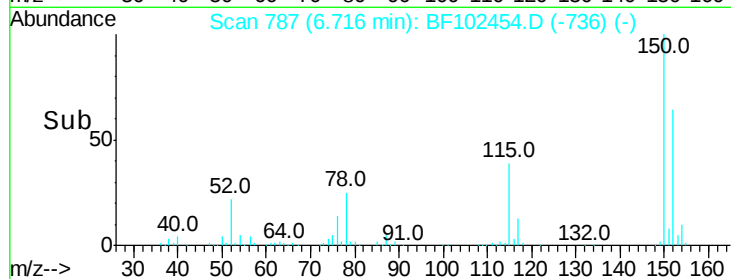
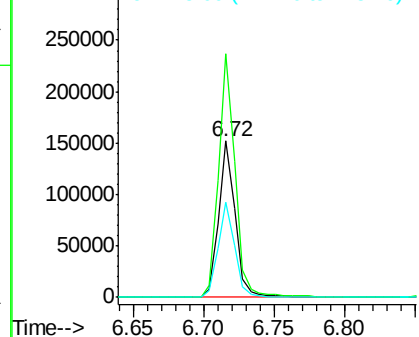
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

Instrument :
BNA_F
ClientSampleId :
W12-3(0-2)

Tot Ion:152 Resp: 124040
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.6 50.1 75.1



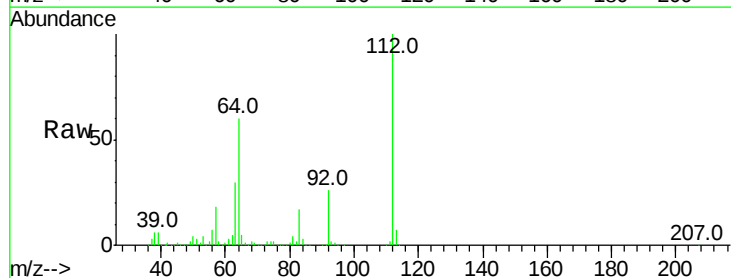
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



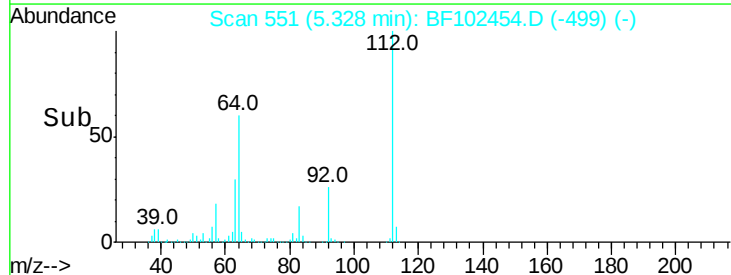
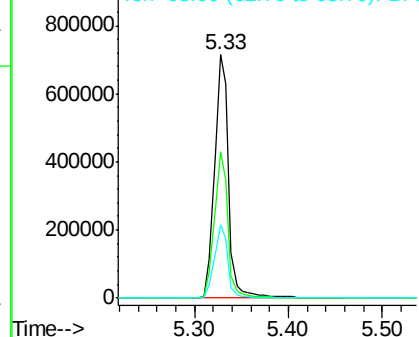
#5

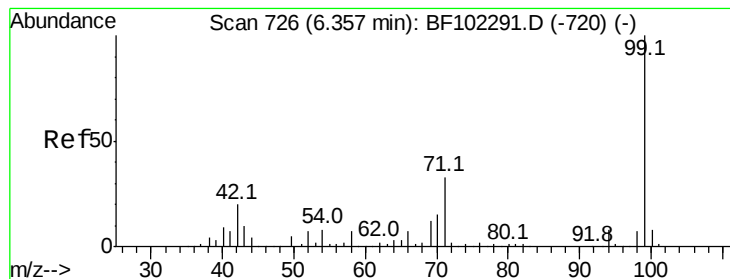
2-Fluorophenol
Concen: 93.480 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

Tgt Ion:112 Resp: 764727
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 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: 90.857 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

BNA_F

ClientSampleId :

W12-3(0-2)

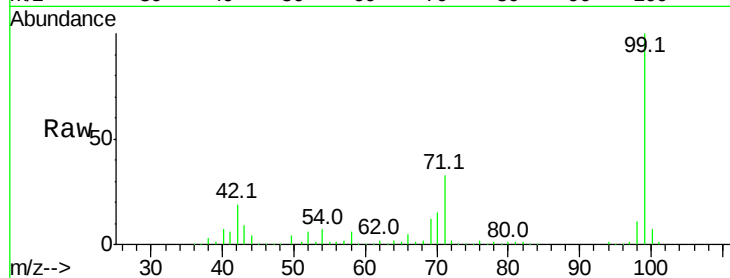
Tot Ion: 99 Resp: 896079

Ion Ratio Lower Upper

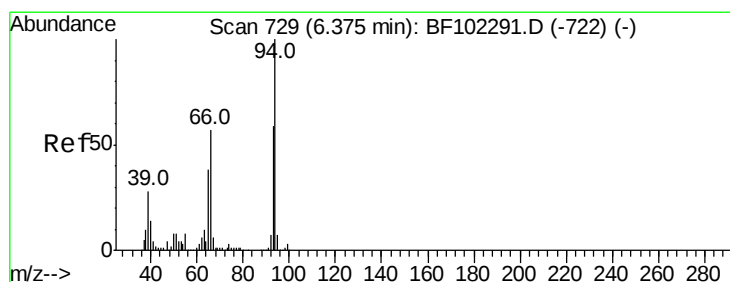
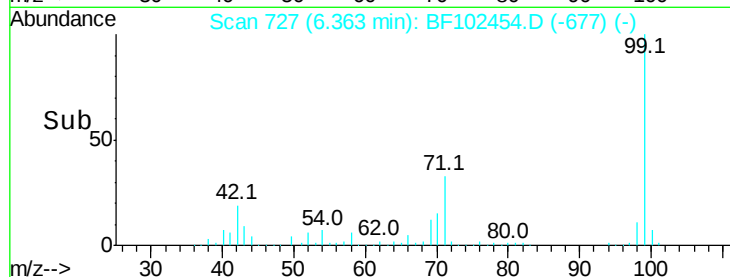
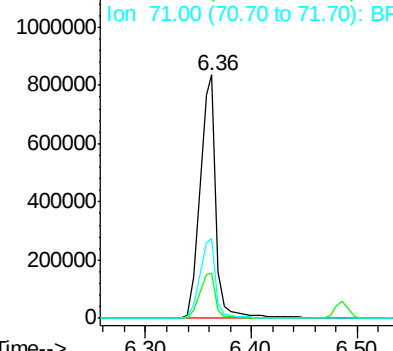
99 100

42 18.6 14.5 21.7

71 32.7 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: 3.879 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

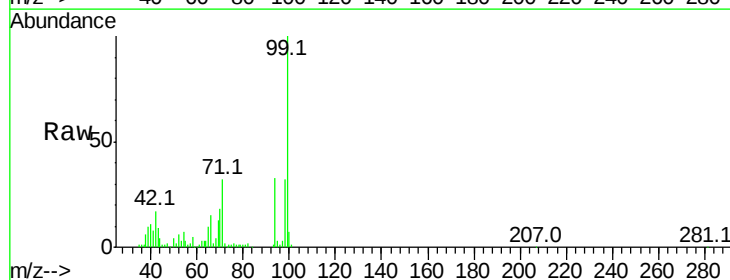
Tgt Ion: 94 Resp: 41762

Ion Ratio Lower Upper

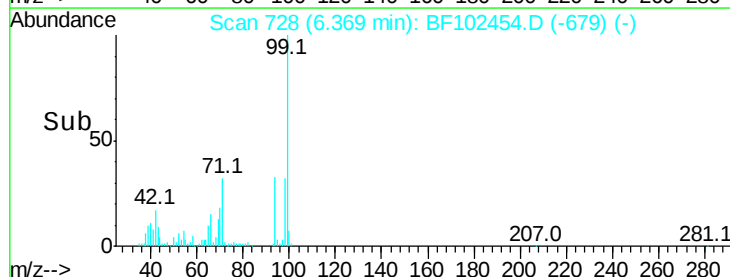
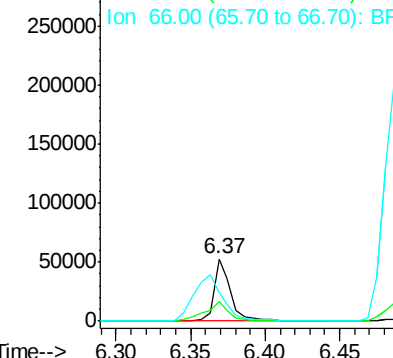
94 100

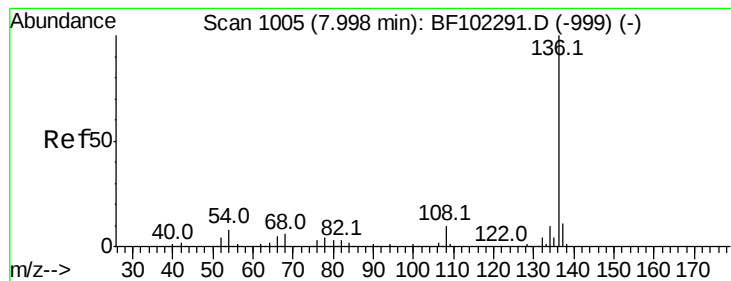
65 30.8 7.9 47.9

66 45.7 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

BNA_F

ClientSampleId :

W12-3(0-2)

Tot Ion:136 Resp: 470009

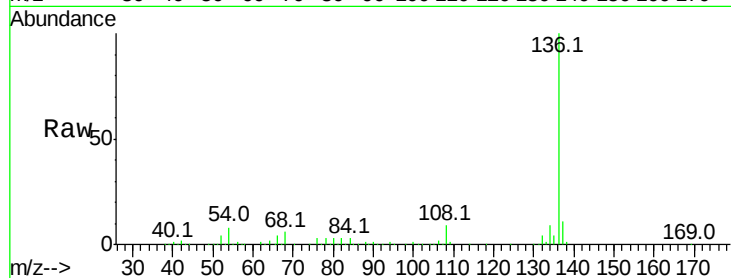
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 5.6 5.0 7.4

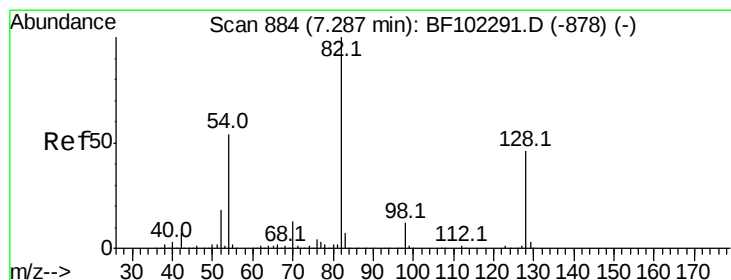
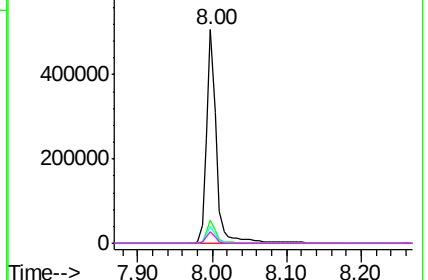
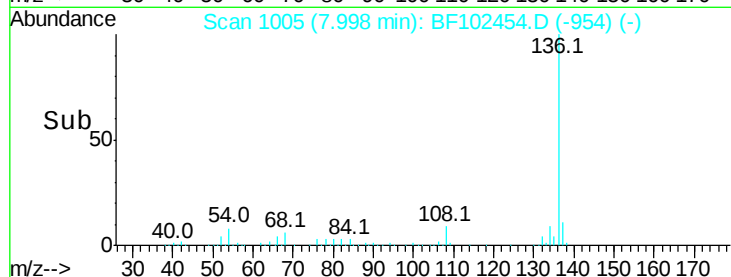


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.362 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

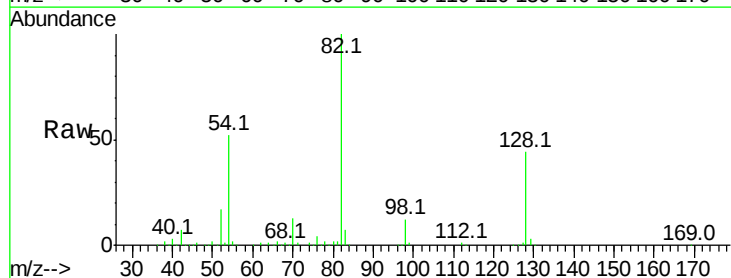
Tgt Ion: 82 Resp: 518226

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

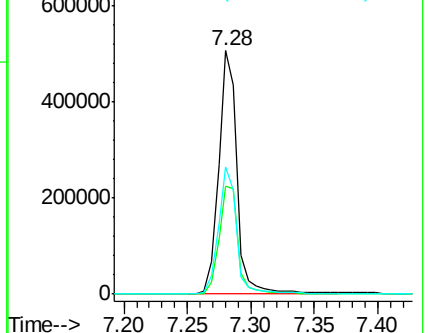
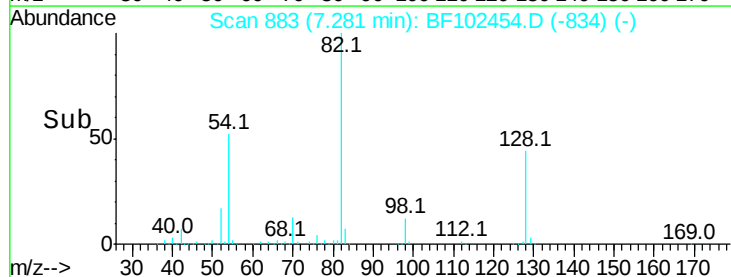
54 52.2 41.4 62.2

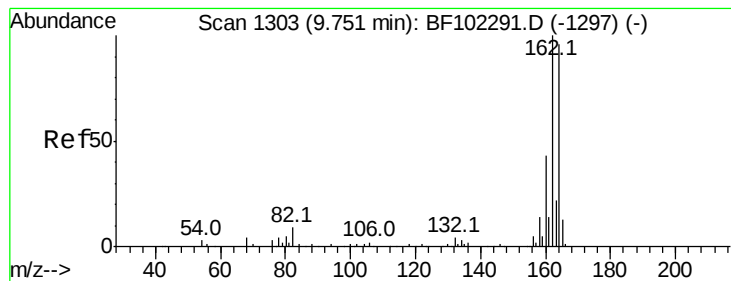


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

BNA_F

ClientSampleId :

W12-3(0-2)

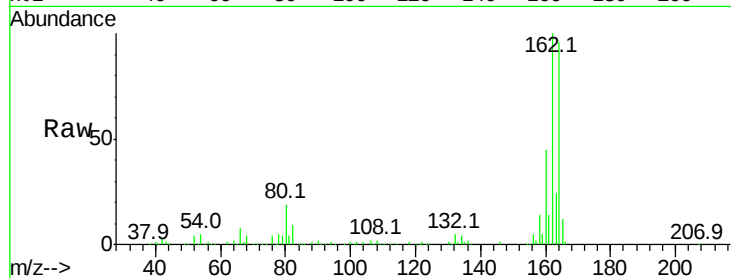
Tot Ion:164 Resp: 169965

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

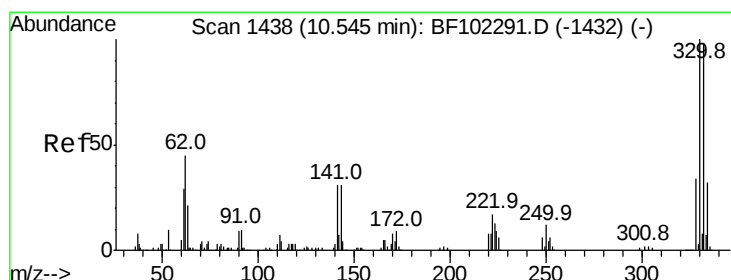
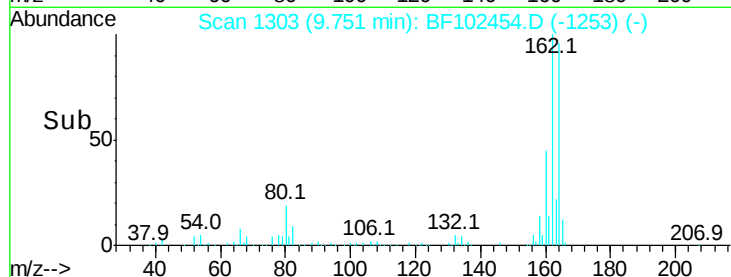
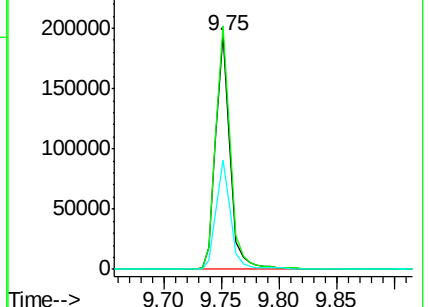
160 46.5 38.3 57.5



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: 57.171 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

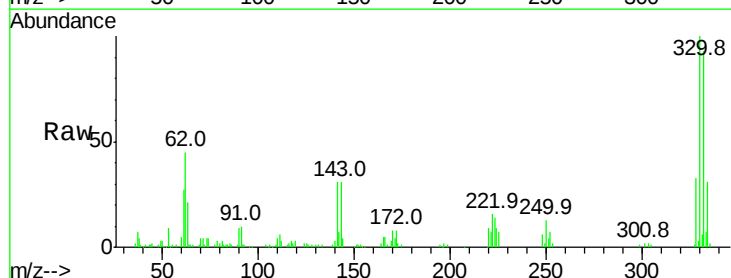
Tgt Ion:330 Resp: 96283

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

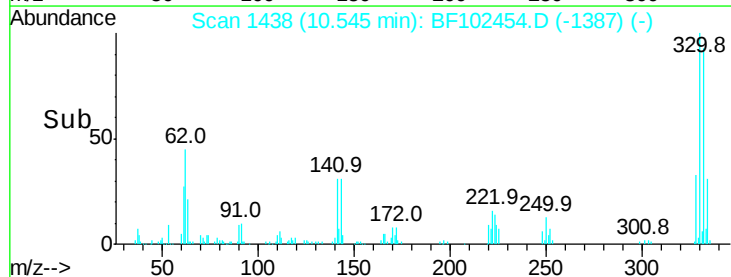
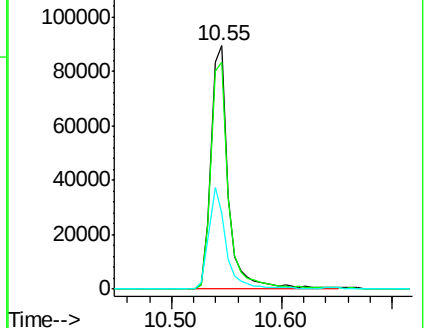
141 40.9 29.9 44.9

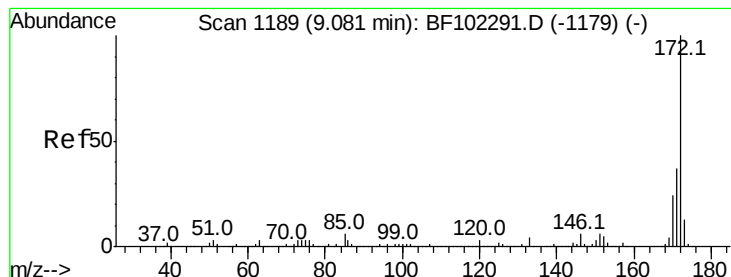


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 62.868 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

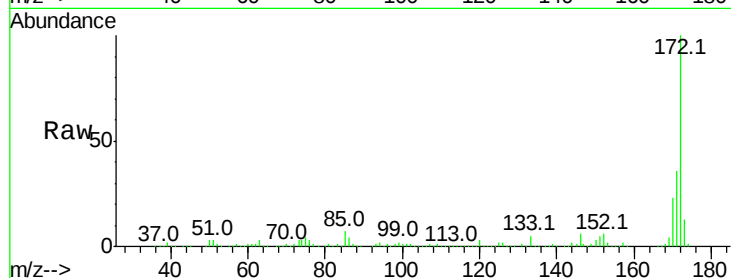
BNA_F

ClientSampleId :

W12-3(0-2)

Tot Ion:172 Resp: 726719

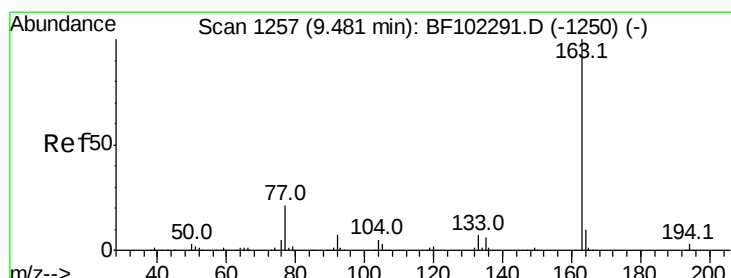
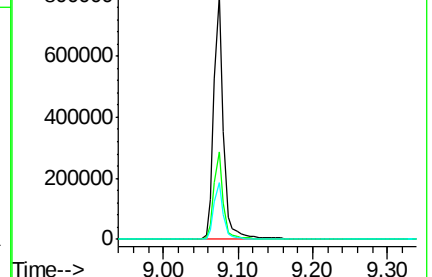
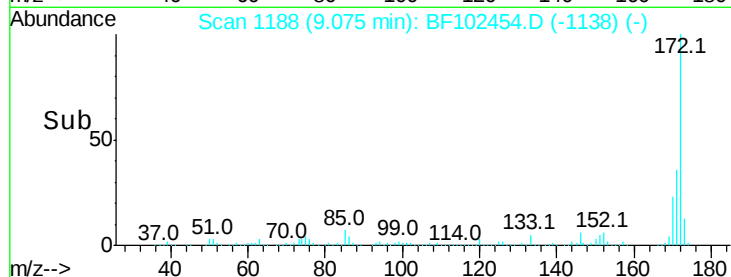
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4



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: 6.554 ng

RT: 9.47 min Scan# 1255

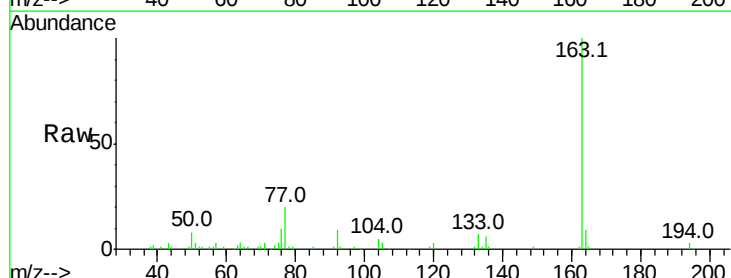
Delta R.T. -0.02 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Tgt Ion:163 Resp: 92069

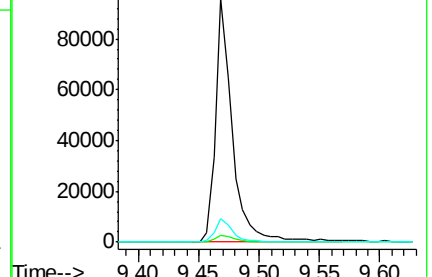
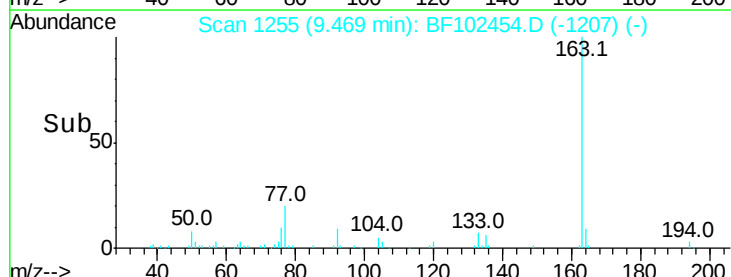
Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	9.5	8.2	12.2

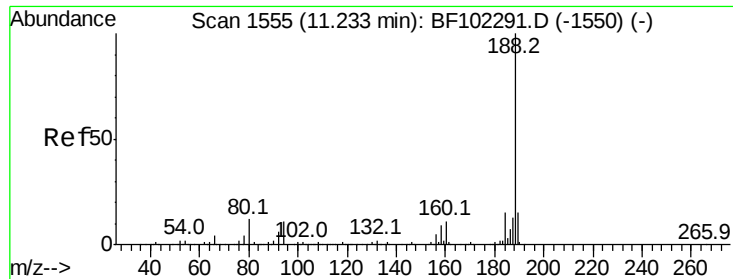


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

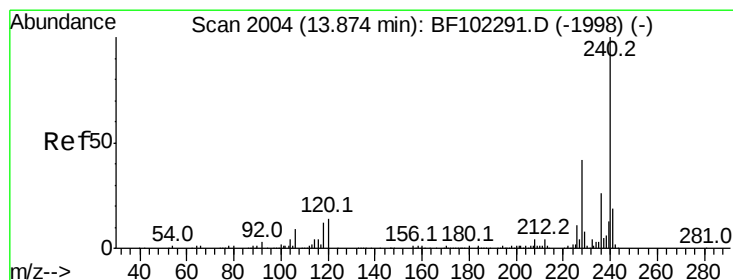
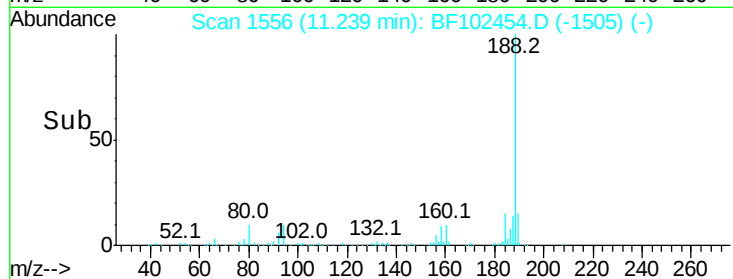
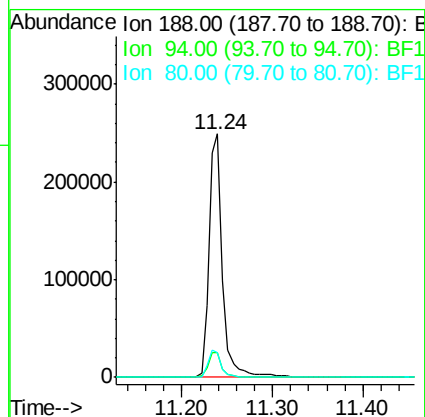
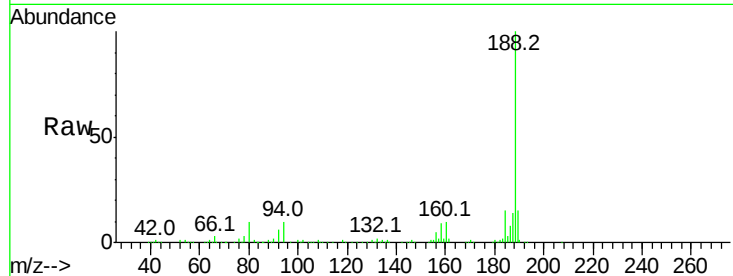




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

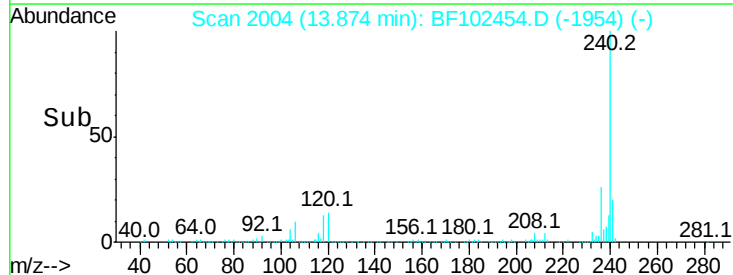
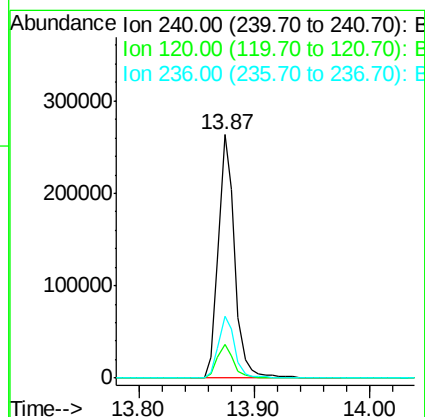
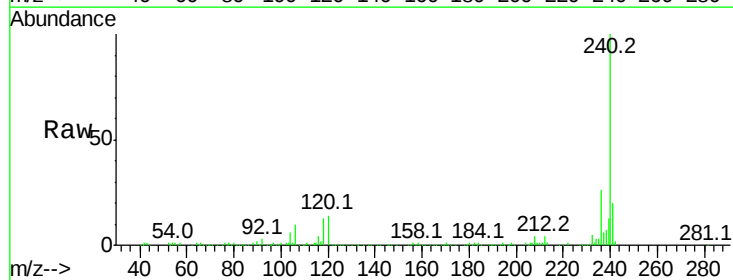
Instrument :
BNA_F
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W12-3(0-2)

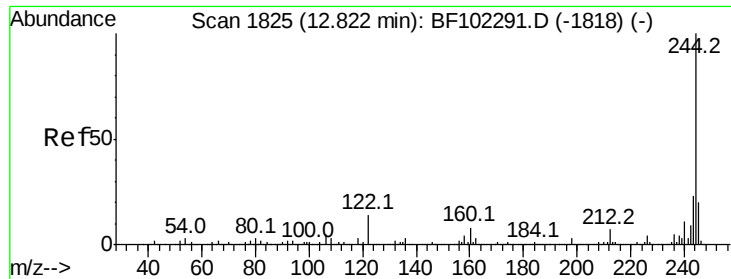
Tot Ion:188 Resp: 261295
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

Tgt Ion:240 Resp: 259892
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 44.704 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

BNA_F

ClientSampleId :

W12-3(0-2)

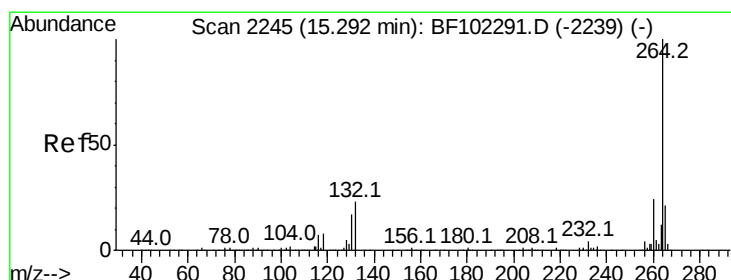
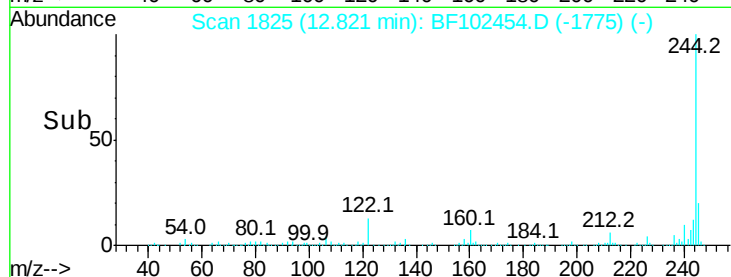
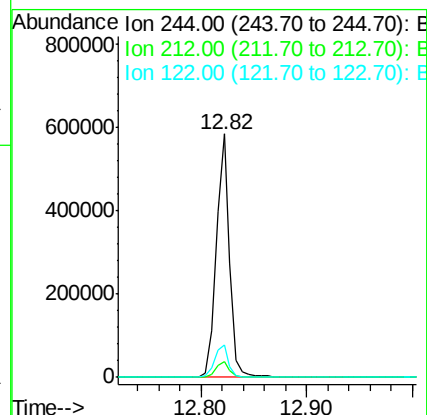
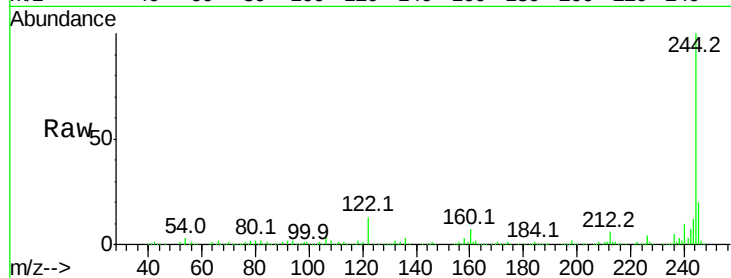
Tot Ion:244 Resp: 515368

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Tgt Ion:264 Resp: 201353

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.0 17.5 26.3

