

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102453.D
 Acq On : 26 Jan 2018 4:38
 Operator : SJ/JU
 Sample : J1251-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jan 26 06:05:56 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

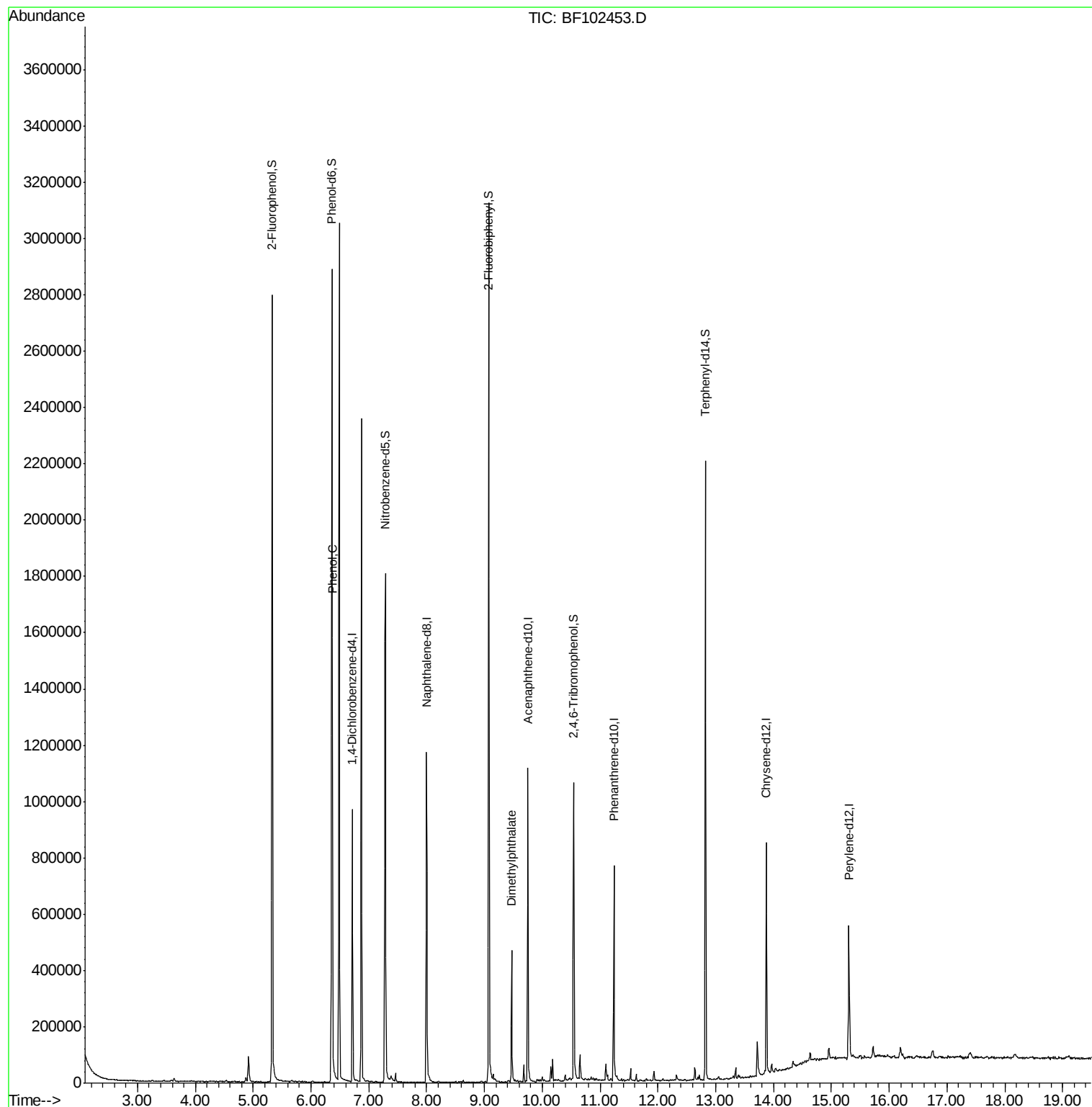
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134414	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	543973	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	209782	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	311031	20.00	ng	0.00
75) Chrysene-d12	13.87	240	273148	20.00	ng	0.00
86) Perylene-d12	15.30	264	215319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	896014	101.08	ng	0.00
7) Phenol-d6	6.36	99	1072959	100.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	618588	65.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	125341	60.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	973556	68.24	ng	0.00
78) Terphenyl-d14	12.82	244	697080	57.53	ng	0.00
Target Compounds						
10) Phenol	6.37	94	59100	5.065	ng	95
49) Dimethylphthalate	9.47	163	195493	11.274	ng	100

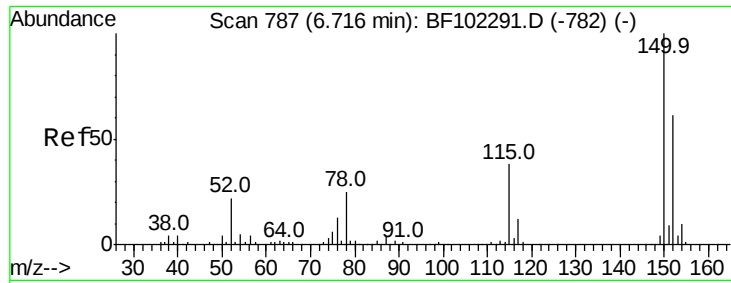
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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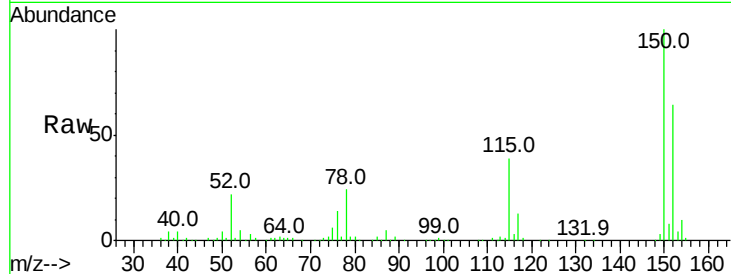


#1

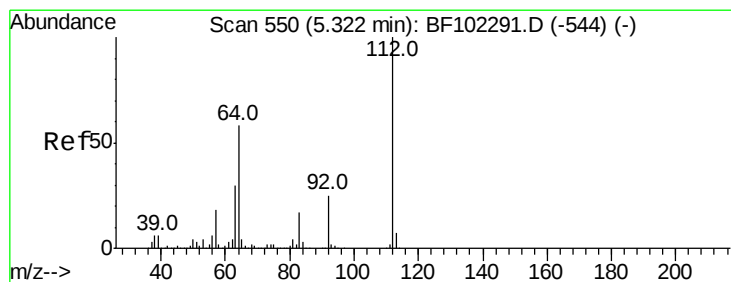
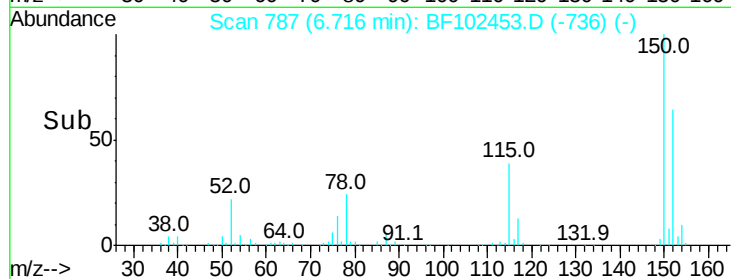
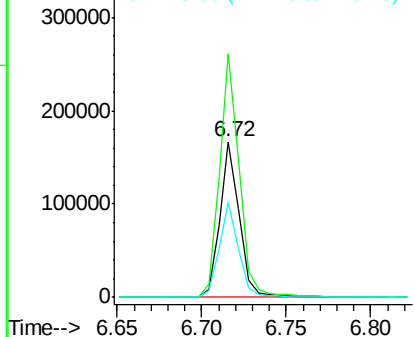
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

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

Tot Ion:152 Resp: 134414
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.4 50.1 75.1



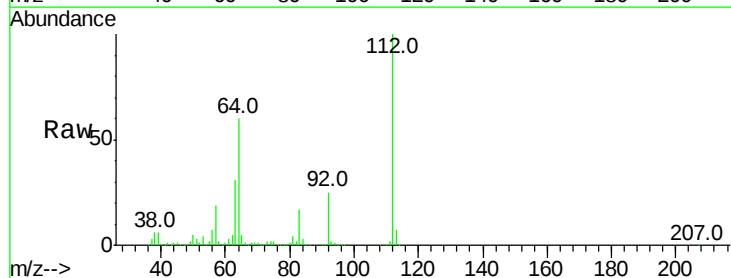
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



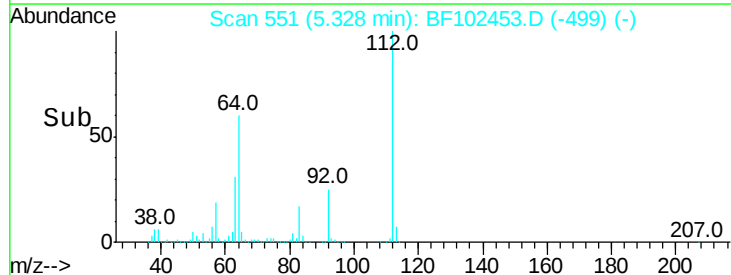
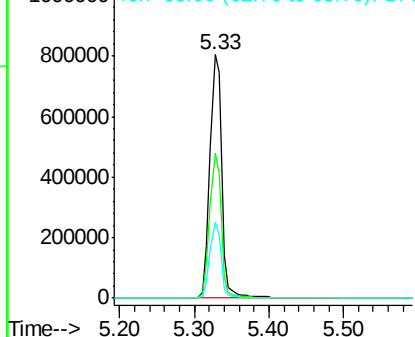
#5

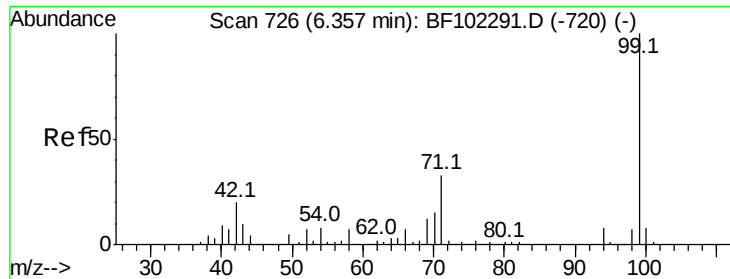
2-Fluorophenol
Concen: 101.075 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

Tgt Ion:112 Resp: 896014
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 31.3 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: 100.395 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102453.D

Acq: 26 Jan 2018 4:38

Instrument :

BNA_F

ClientSampleId :

W12-2(0-2)

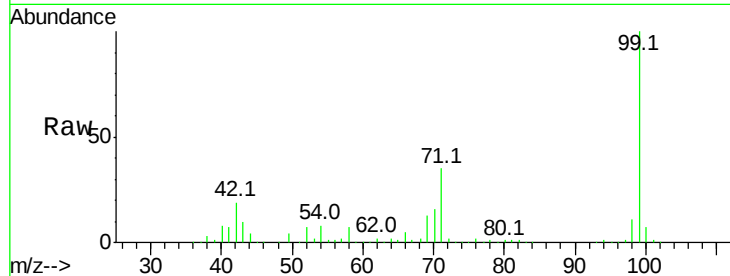
Tot Ion: 99 Resp: 1072959

Ion Ratio Lower Upper

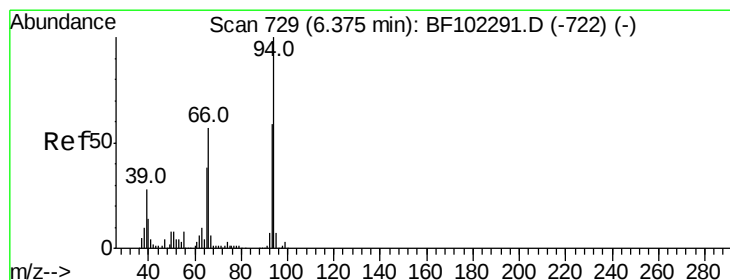
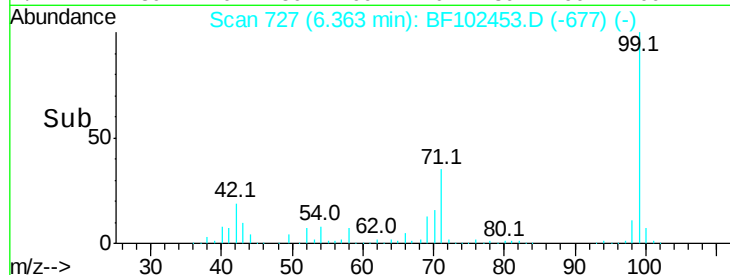
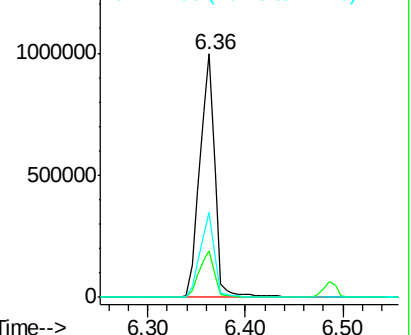
99 100

42 19.4 14.5 21.7

71 34.9 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: 5.065 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102453.D

Acq: 26 Jan 2018 4:38

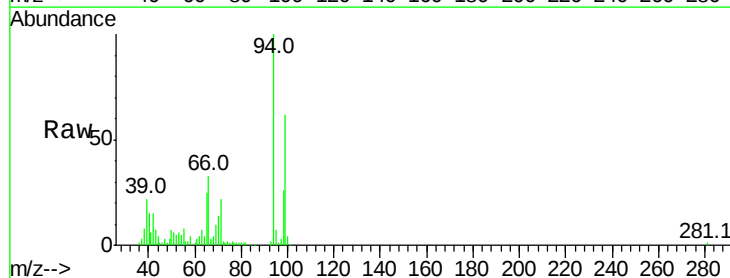
Tgt Ion: 94 Resp: 59100

Ion Ratio Lower Upper

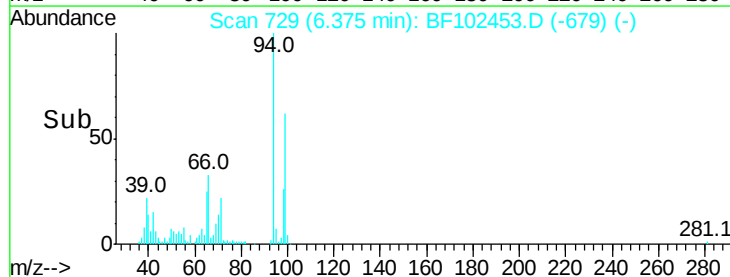
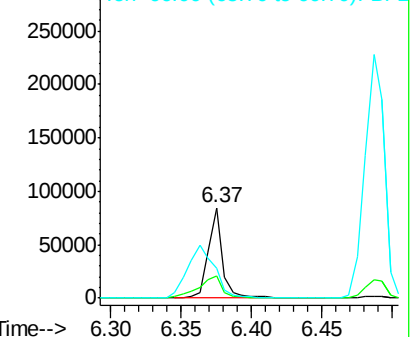
94 100

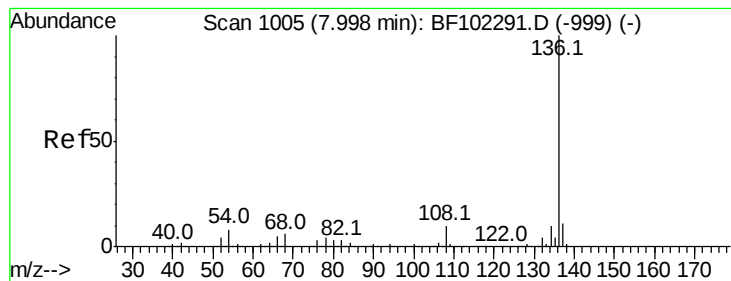
65 24.8 7.9 47.9

66 33.1 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: BF102453.D

Acq: 26 Jan 2018 4:38

Instrument :

BNA_F

ClientSampleId :

W12-2(0-2)

Tot Ion:136 Resp: 543973

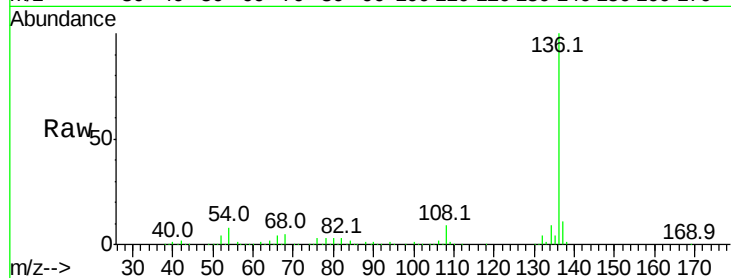
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 5.3 5.0 7.4

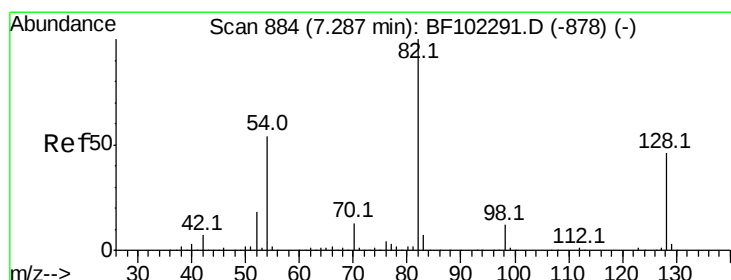
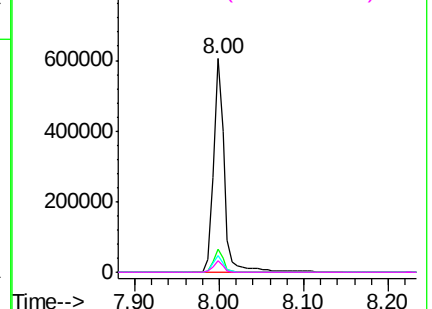
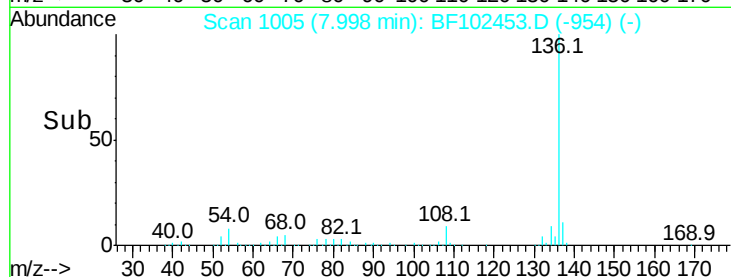


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.349 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102453.D

Acq: 26 Jan 2018 4:38

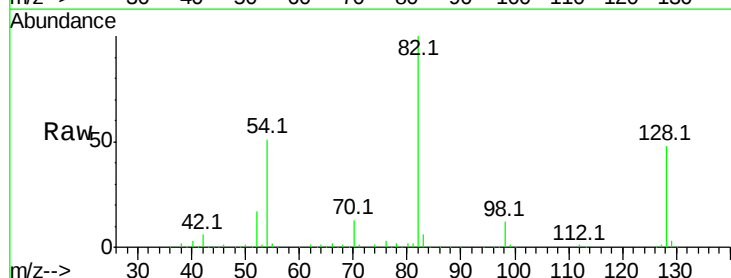
Tgt Ion: 82 Resp: 618588

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

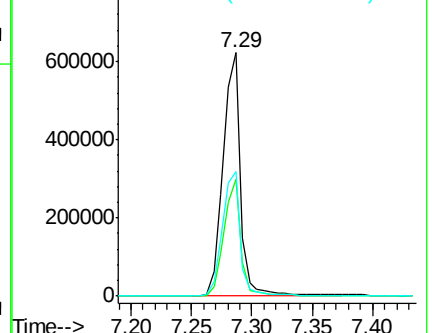
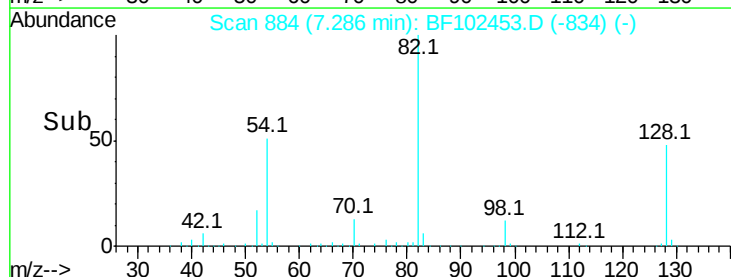
54 51.0 41.4 62.2

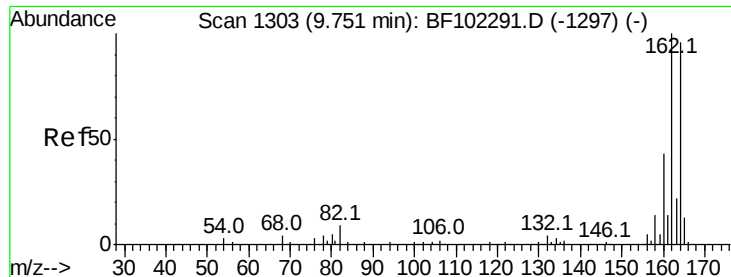


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

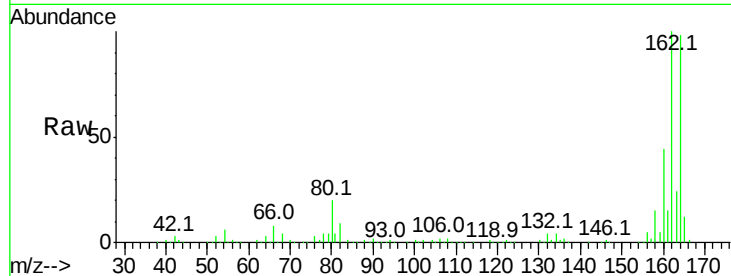




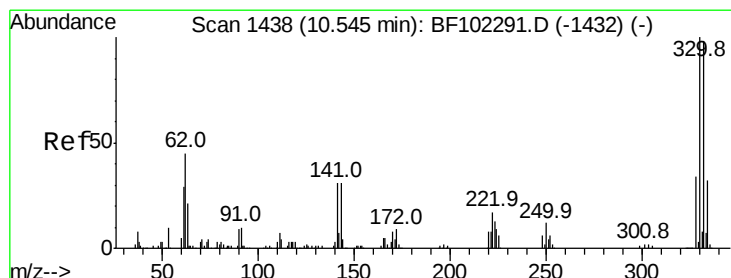
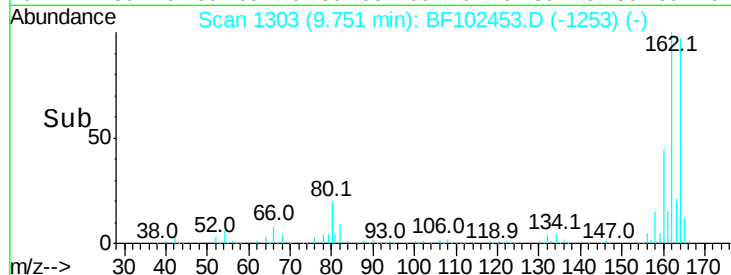
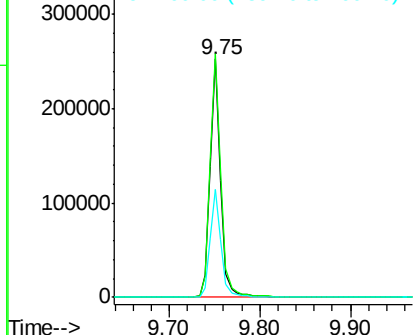
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

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

Tot Ion:164 Resp: 209782
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.2 38.3 57.5

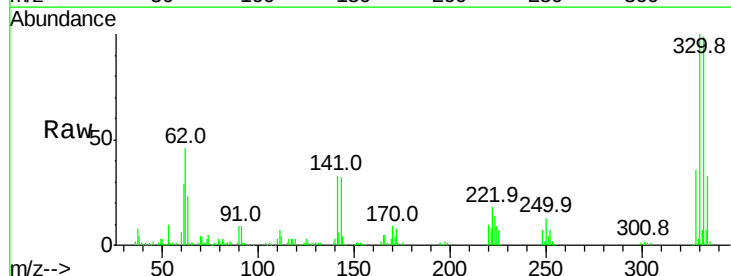


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

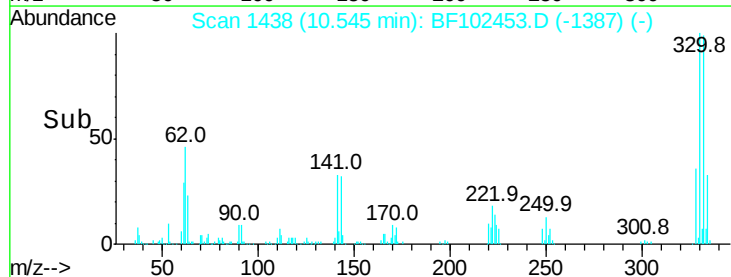
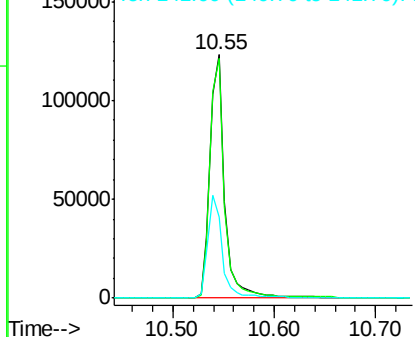


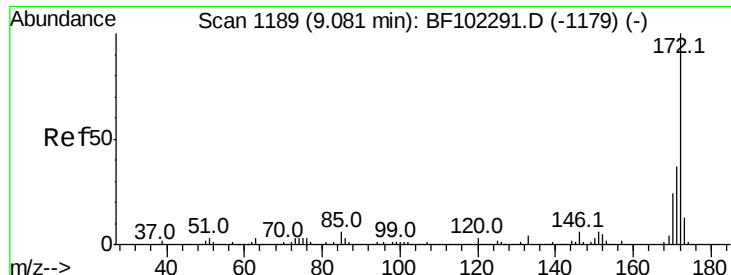
#41
2,4,6-Tribromophenol
Concen: 60.300 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

Tgt Ion:330 Resp: 125341
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 41.9 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

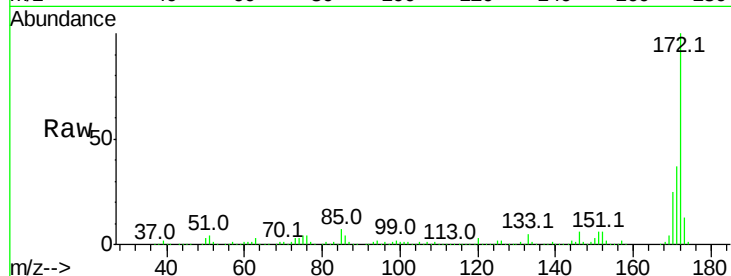




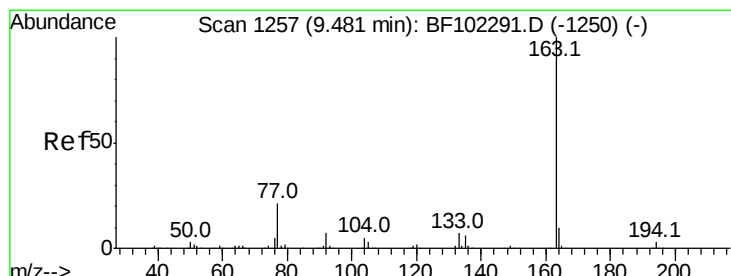
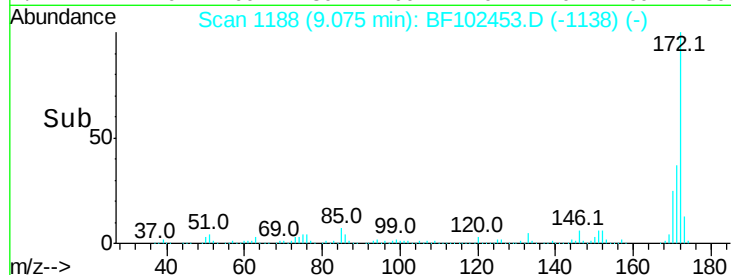
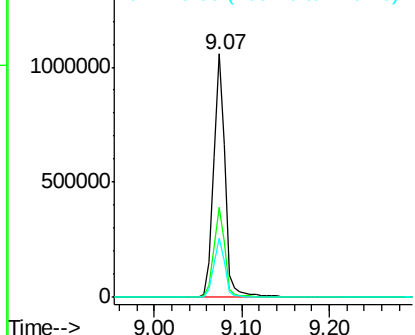
#44
2-Fluorobiphenyl
Concen: 68.236 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

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

Tot Ion:172 Resp: 973556
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.6 19.6 29.4

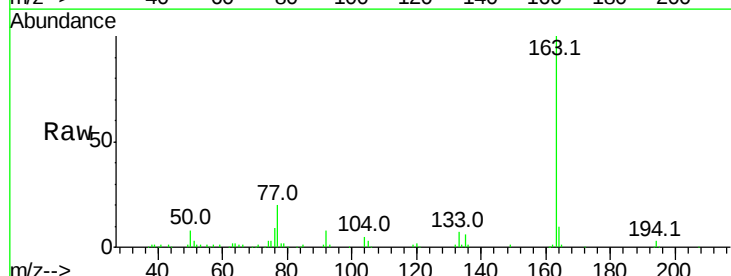


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

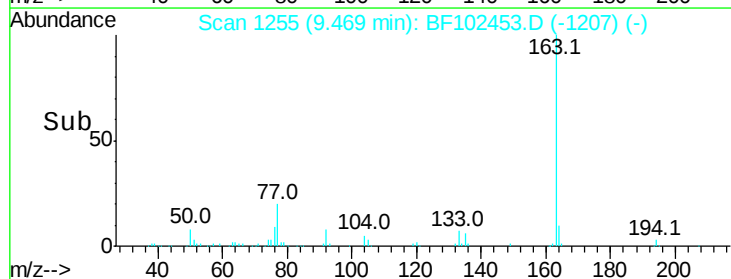
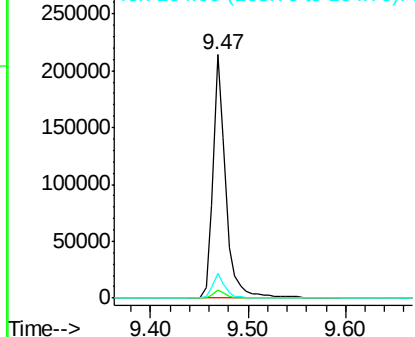


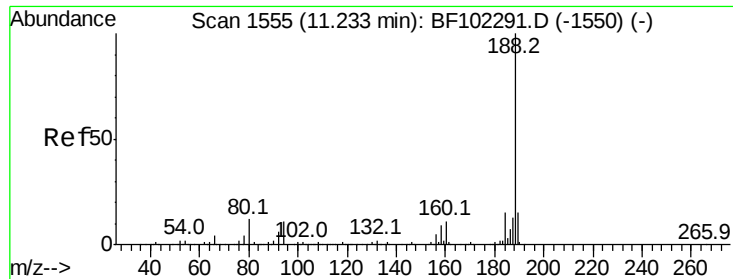
#49
Dimethylphthalate
Concen: 11.274 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

Tgt Ion:163 Resp: 195493
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 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

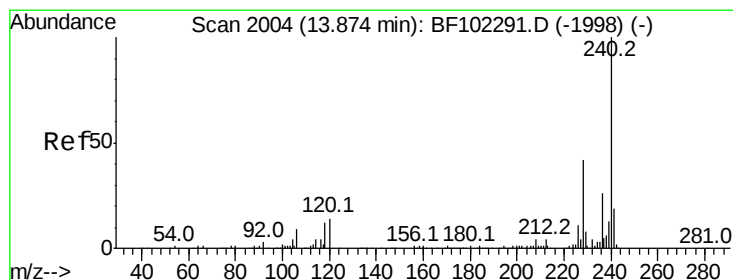
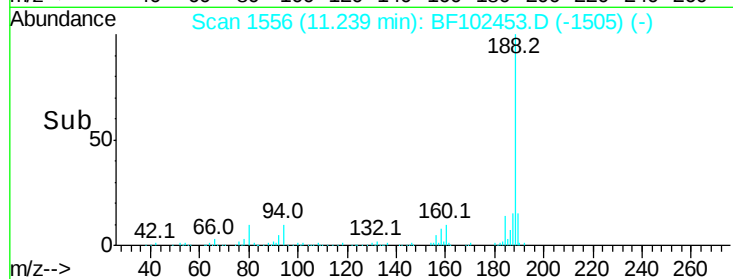
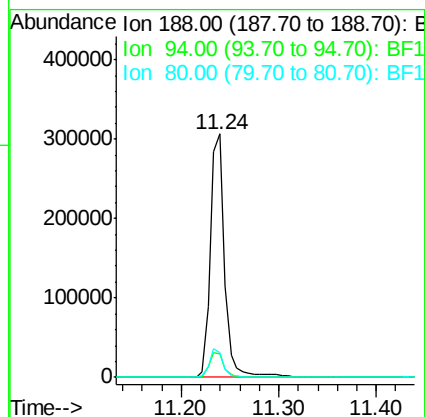
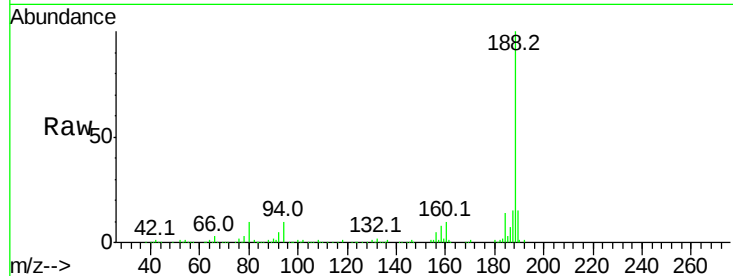




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

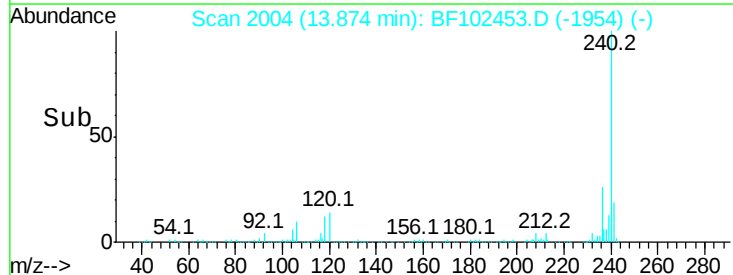
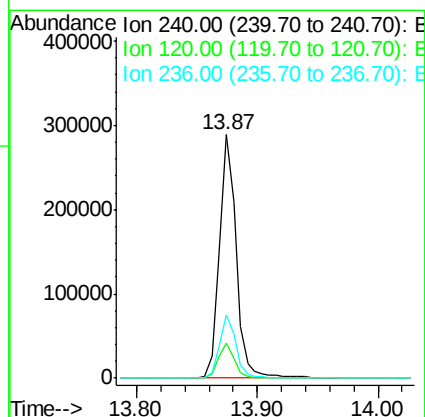
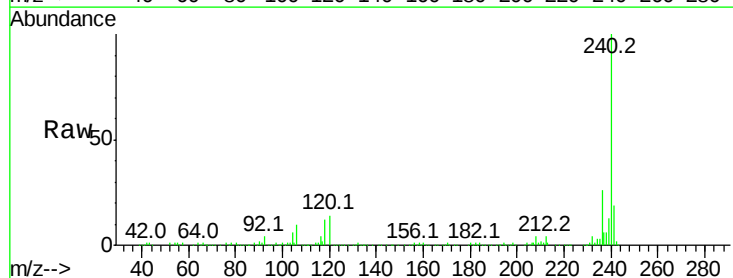
Instrument :
BNA_F
ClientSampleId :
W12-2(0-2)

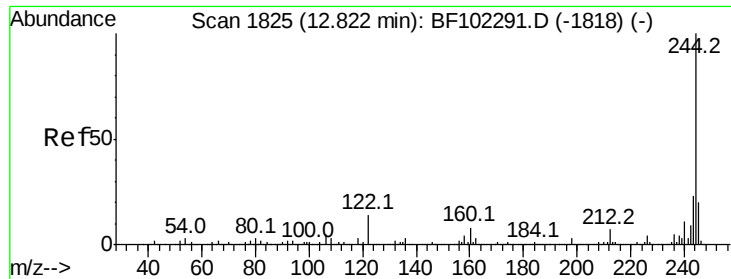
Tot Ion:188 Resp: 311031
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102453.D
Acq: 26 Jan 2018 4:38

Tgt Ion:240 Resp: 273148
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 57.532 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102453.D

Acq: 26 Jan 2018 4:38

Instrument :

BNA_F

ClientSampleId :

W12-2(0-2)

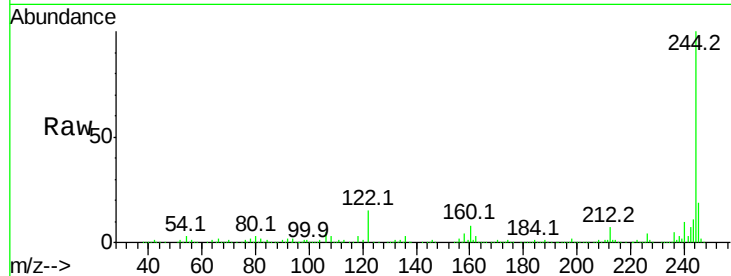
Tot Ion:244 Resp: 697080

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

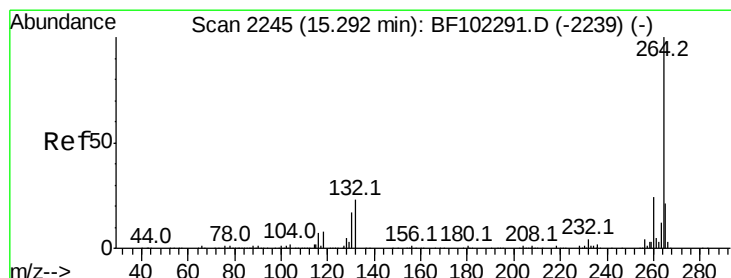
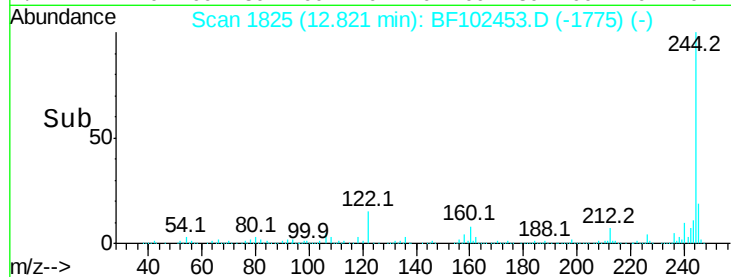
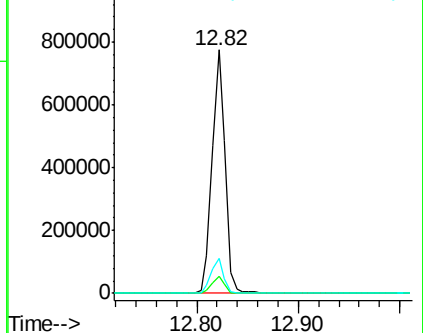
122 14.5 11.0 16.4



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# 2247

Delta R.T. 0.01 min

Lab File: BF102453.D

Acq: 26 Jan 2018 4:38

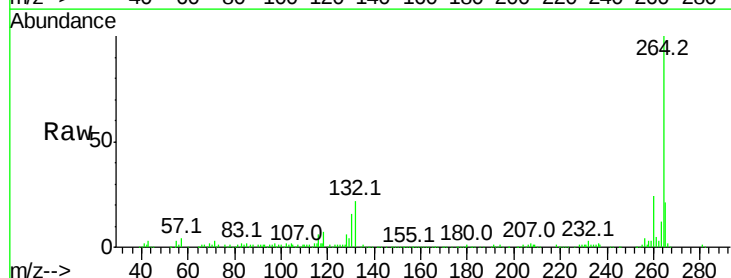
Tgt Ion:264 Resp: 215319

Ion Ratio Lower Upper

264 100

260 23.6 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

