

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102733.D
 Acq On : 5 Feb 2018 13:07
 Operator : SJ/JU
 Sample : J1453-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Feb 05 16:32:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

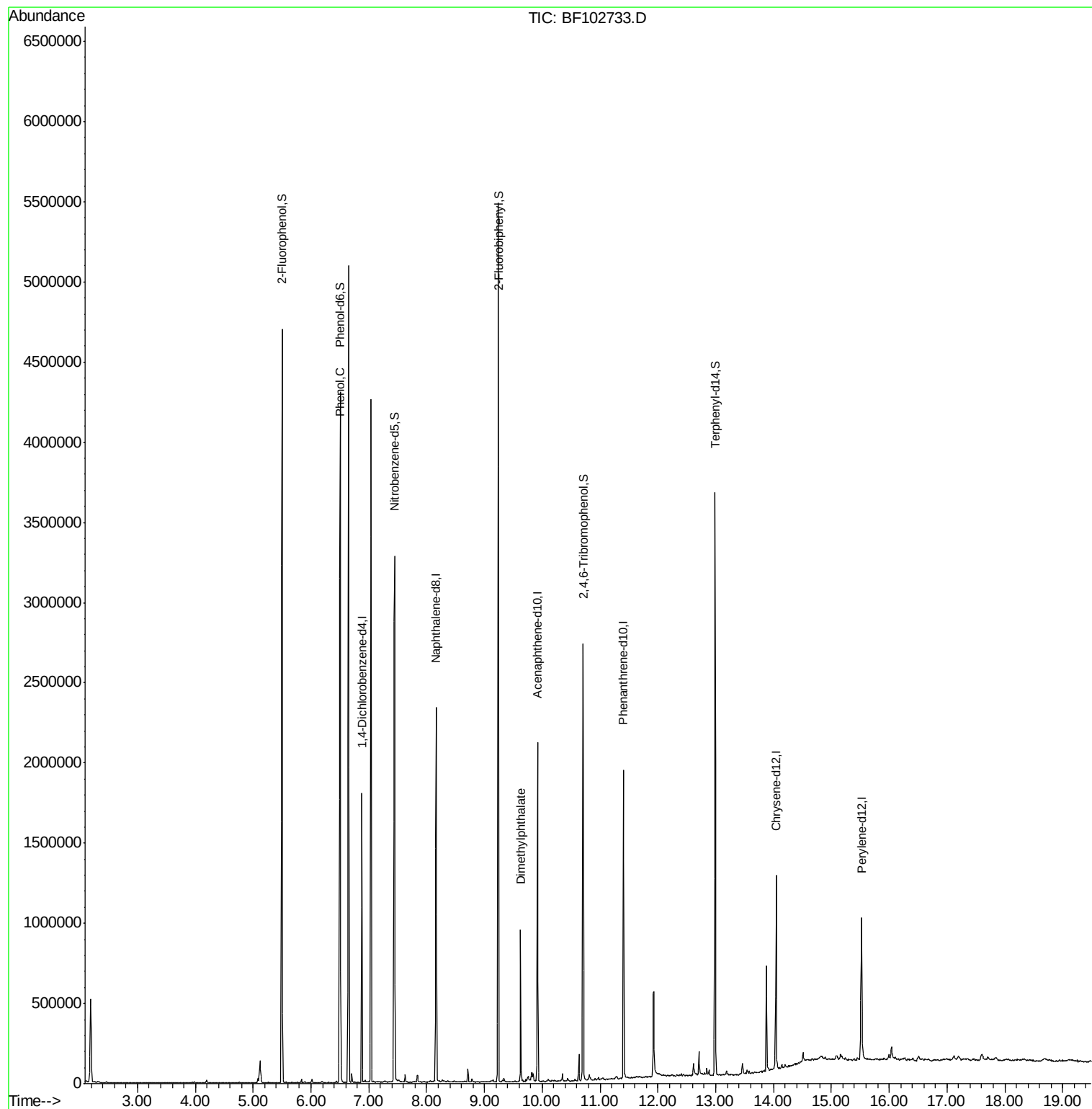
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	232122	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	930768	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	411714	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	637105	20.00	ng	0.00
75) Chrysene-d12	14.04	240	403921	20.00	ng	0.00
86) Perylene-d12	15.52	264	396321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1440008	94.21	ng	0.00
7) Phenol-d6	6.50	99	1703562	92.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	1052799	78.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	330508	99.74	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1693962	68.27	ng	0.00
78) Terphenyl-d14	12.99	244	1231669	72.20	ng	0.00
Target Compounds						
10) Phenol	6.52	94	76010	3.854	ng	95
49) Dimethylphthalate	9.63	163	330663	10.300	ng	99

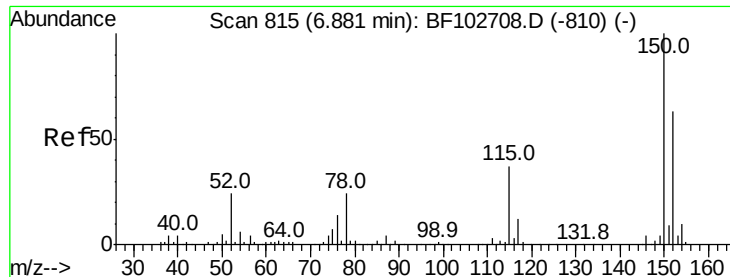
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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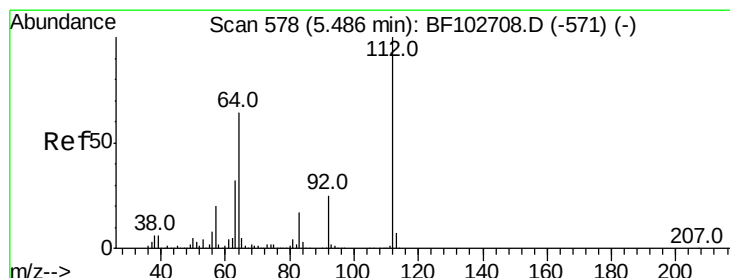
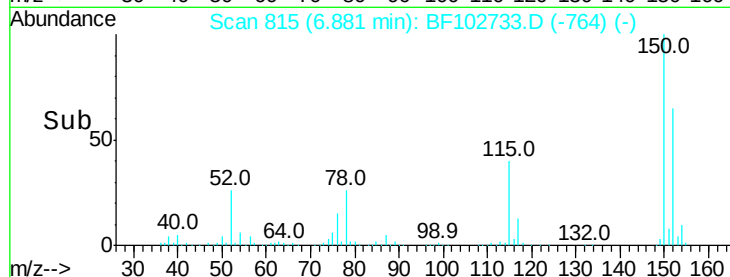
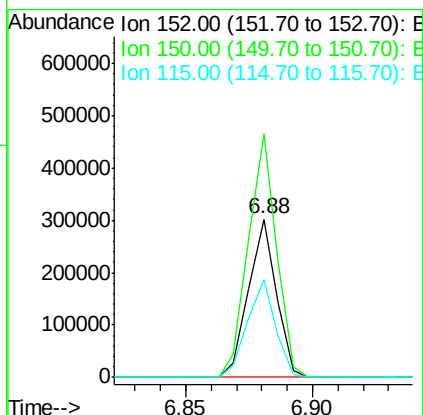
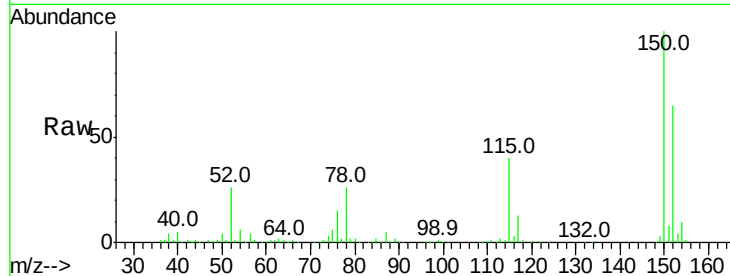


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102733.D
Acq: 5 Feb 2018 13:07

Instrument :
BNA_F
ClientSampleId :
P-1

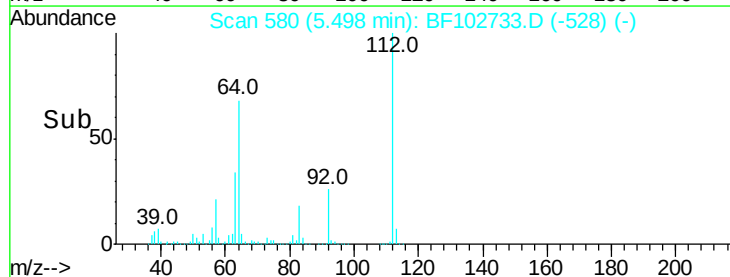
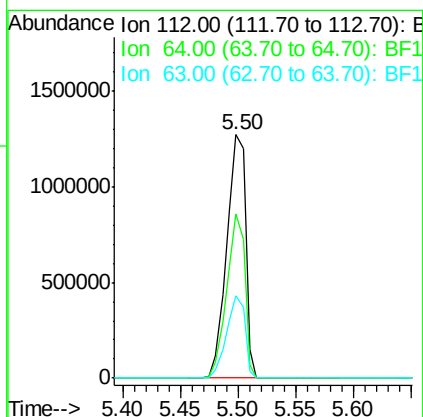
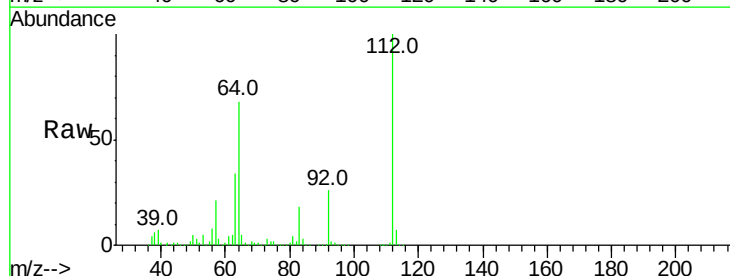
Tot Ion:152 Resp: 232122
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.7 50.1 75.1

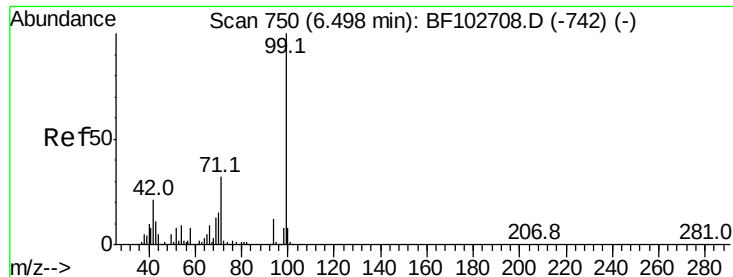


#5

2-Fluorophenol
Concen: 94.213 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102733.D
Acq: 5 Feb 2018 13:07

Tgt Ion:112 Resp: 1440008
Ion Ratio Lower Upper
112 100
64 67.6 47.9 71.9
63 34.0 23.7 35.5





#7

Phenol-d6

Concen: 92.566 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102733.D

Acq: 5 Feb 2018 13:07

Instrument :

BNA_F

ClientSampleId :

P-1

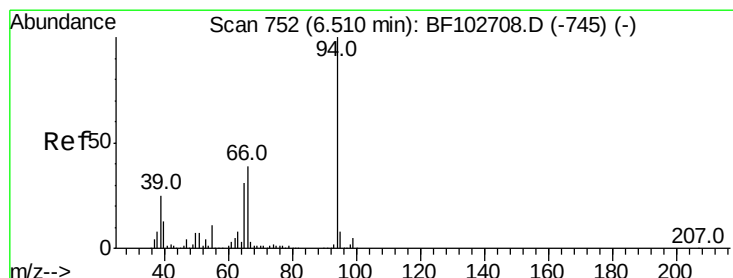
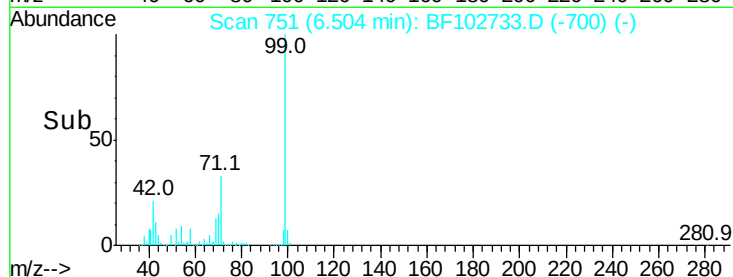
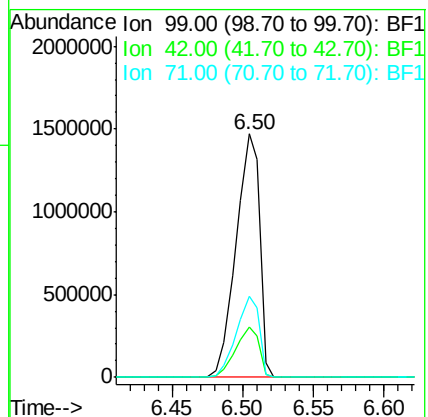
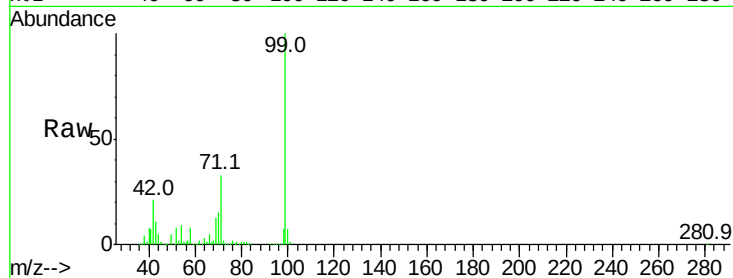
Tot Ion: 99 Resp: 1703562

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 3.854 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102733.D

Acq: 5 Feb 2018 13:07

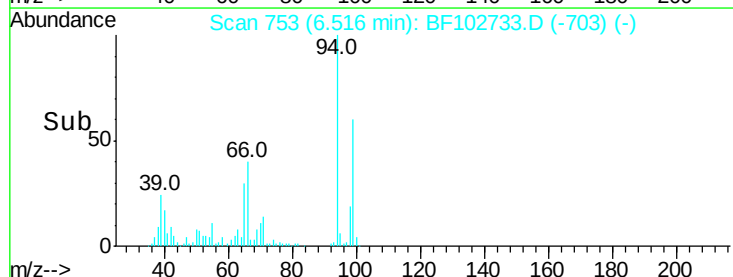
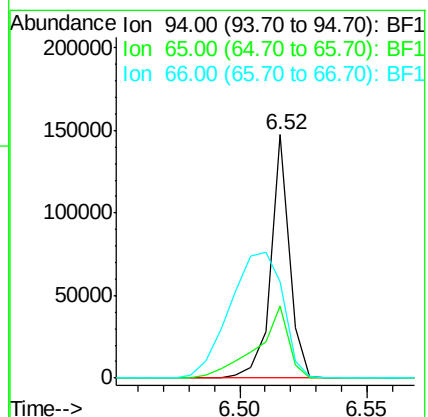
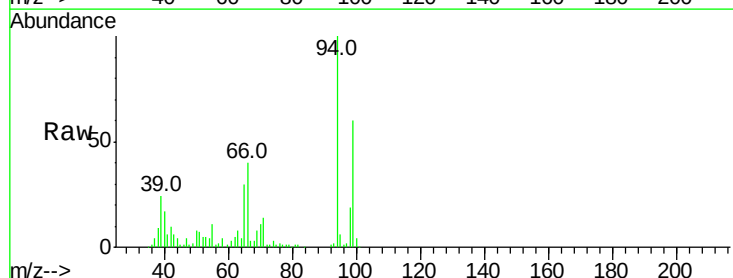
Tgt Ion: 94 Resp: 76010

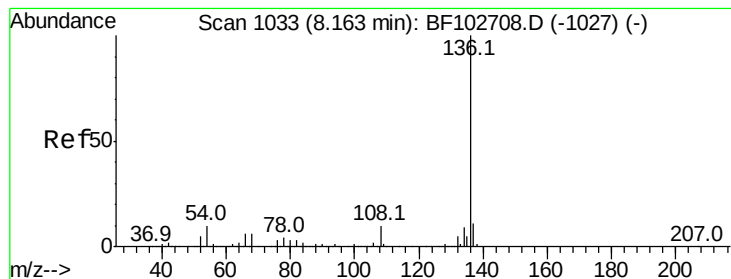
Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

66 39.6 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102733.D

Acq: 5 Feb 2018 13:07

Instrument :

BNA_F

ClientSampleId :

P-1

Tot Ion:136 Resp: 930768

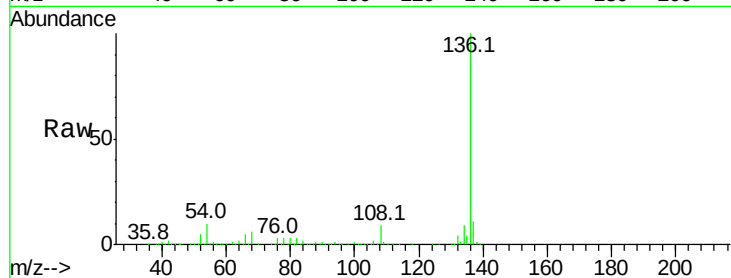
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.0 6.6 9.8#

68 6.3 5.0 7.4

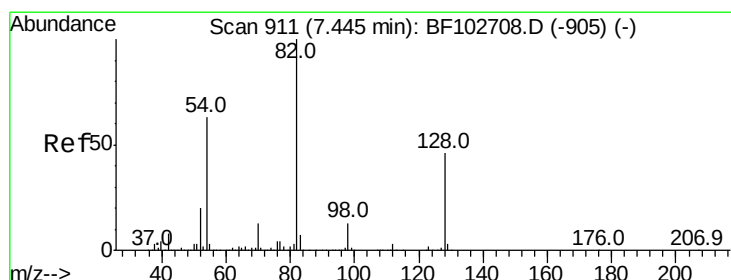
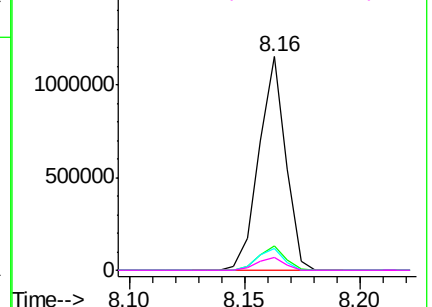
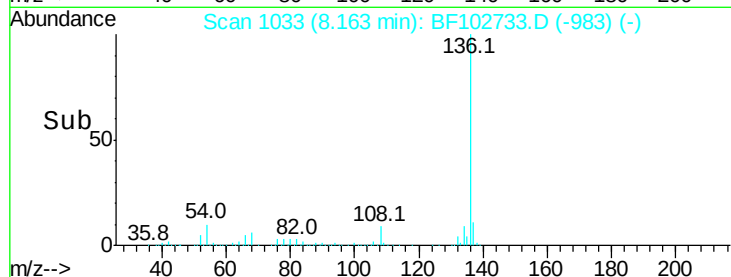


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.466 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102733.D

Acq: 5 Feb 2018 13:07

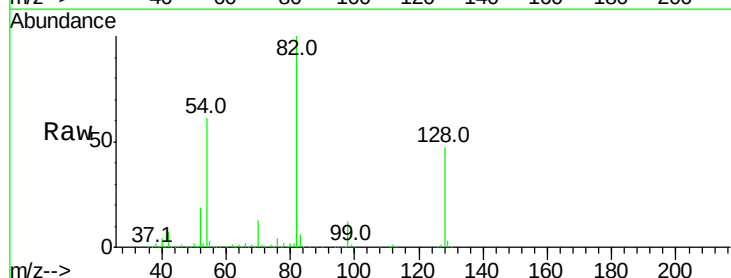
Tgt Ion: 82 Resp: 1052799

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

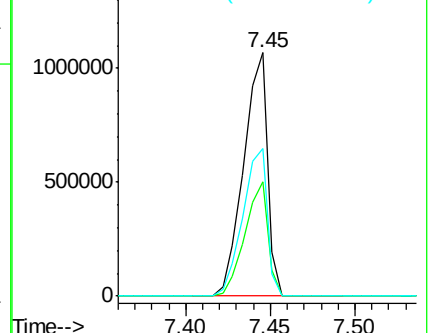
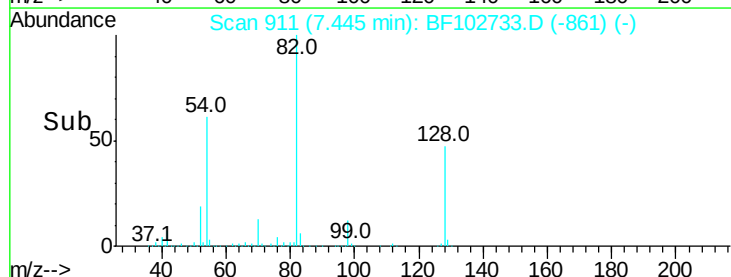
54 60.6 41.4 62.2

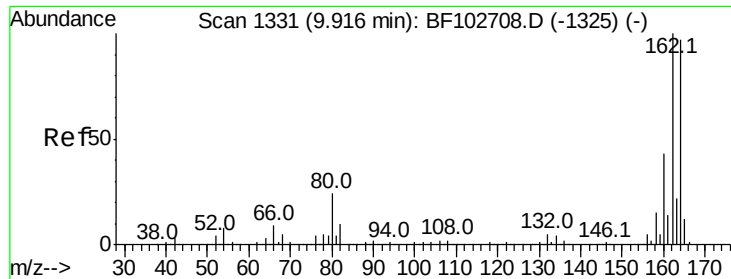


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

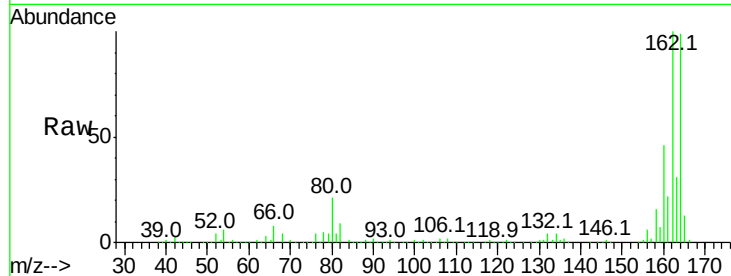




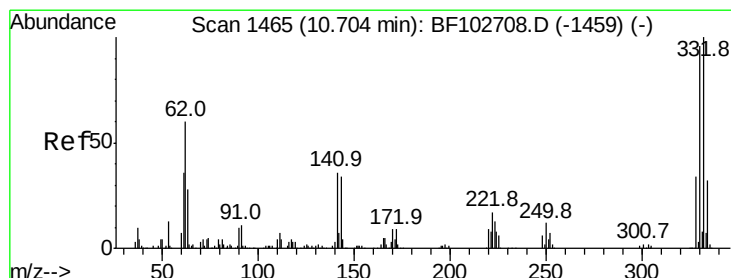
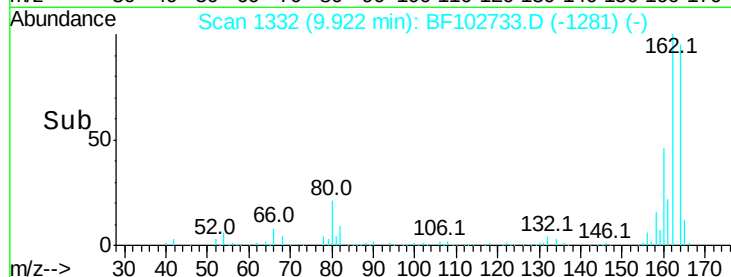
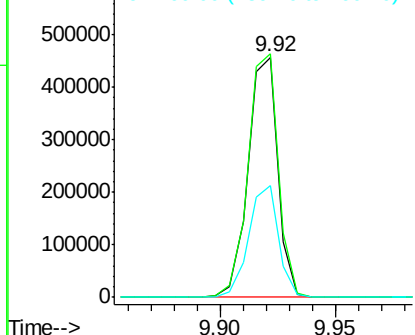
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102733.D
 Acq: 5 Feb 2018 13:07

Instrument :
 BNA_F
 ClientSampled :
 P-1

Tot Ion:164 Resp: 411714
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.3 38.3 57.5

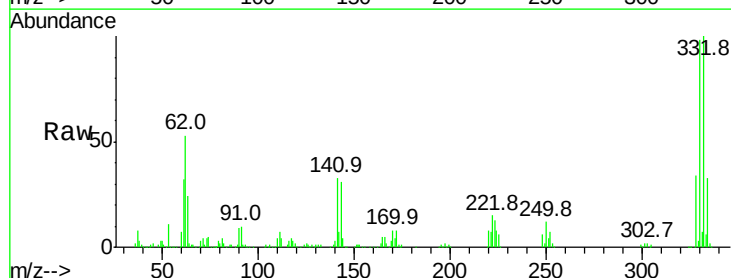


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

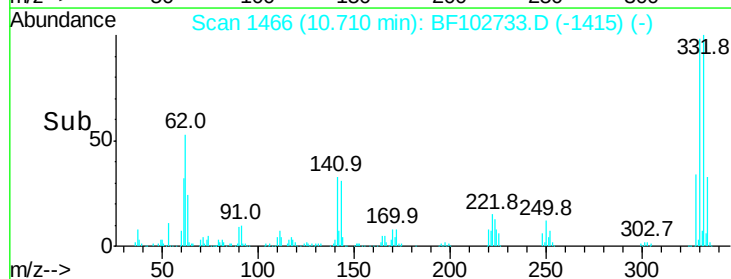
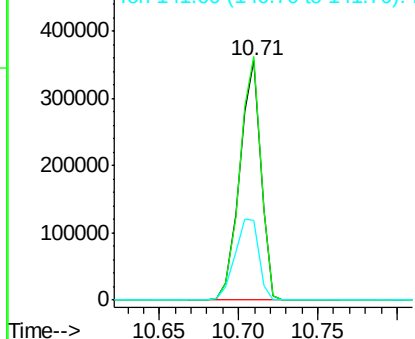


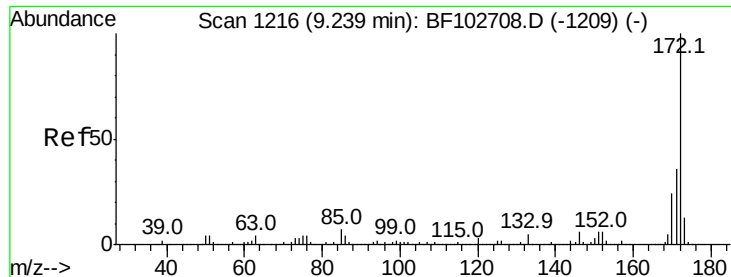
#41
 2,4,6-Tribromophenol
 Concen: 99.736 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102733.D
 Acq: 5 Feb 2018 13:07

Tgt Ion:330 Resp: 330508
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.0 115.6
 141 38.1 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



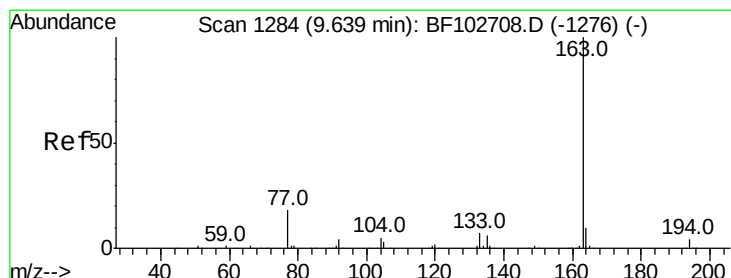
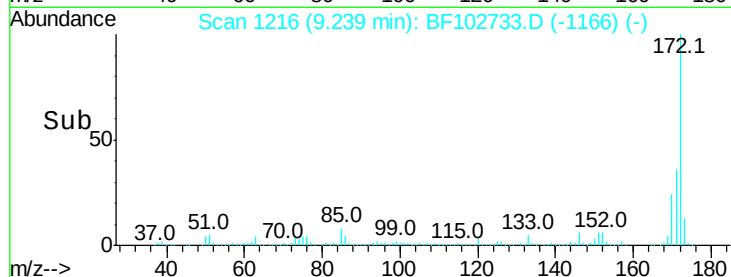
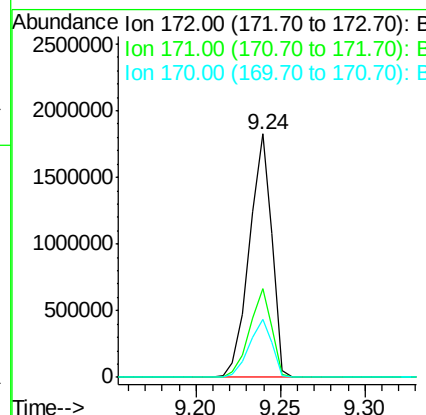
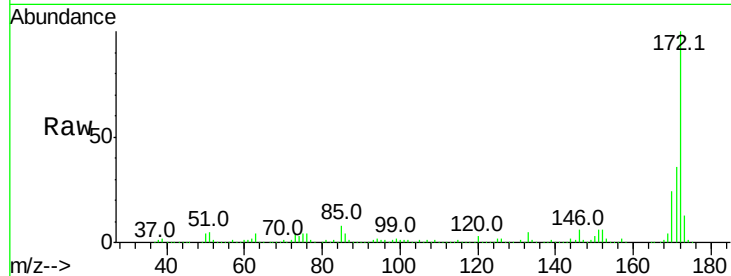


#44
 2-Fluorobiphenyl
 Concen: 68.273 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102733.D
 Acq: 5 Feb 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:172 Resp: 1693962

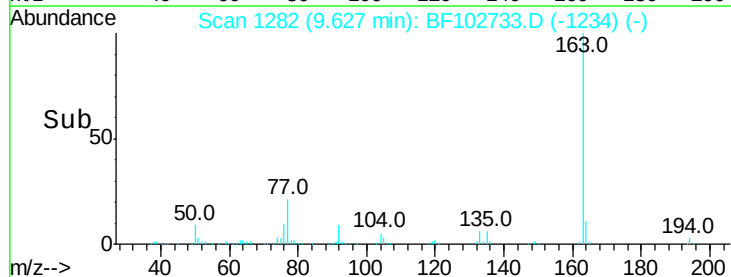
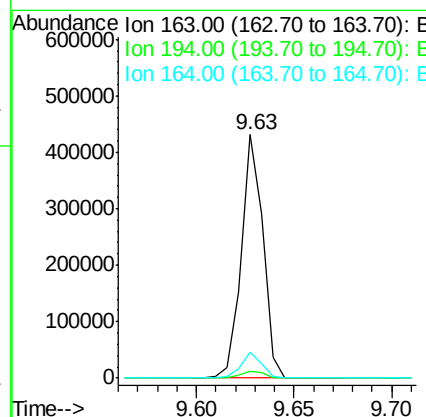
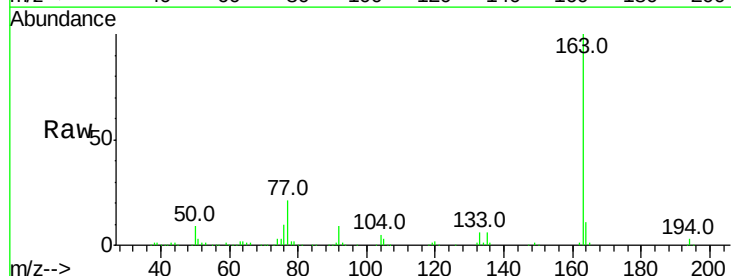
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

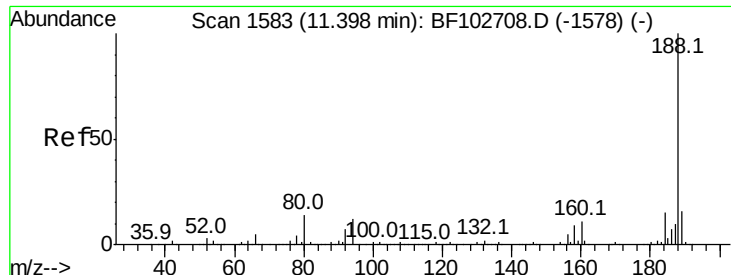


#49
 Dimethylphthalate
 Concen: 10.300 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF102733.D
 Acq: 5 Feb 2018 13:07

Tgt Ion:163 Resp: 330663

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	10.6	8.2	12.2

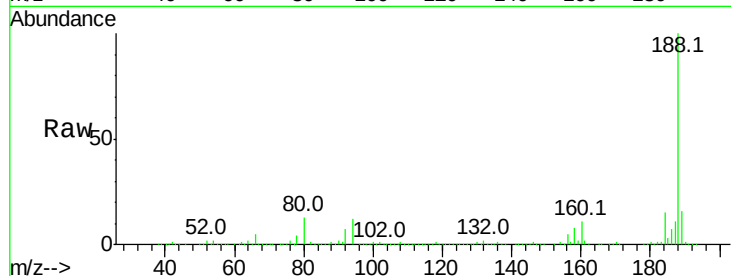




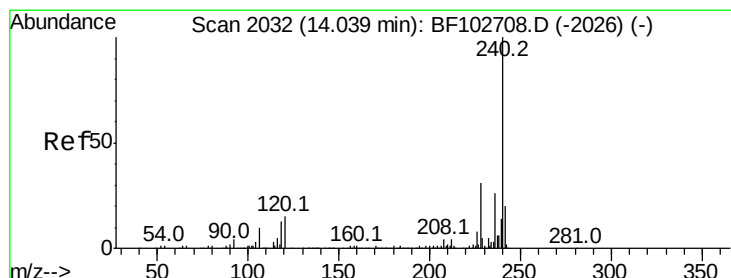
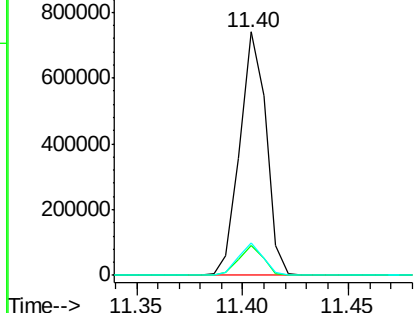
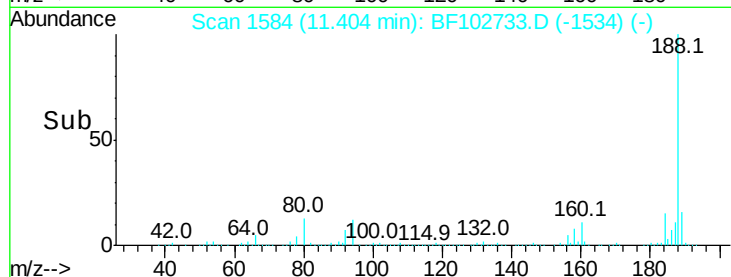
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102733.D
 Acq: 5 Feb 2018 13:07

Instrument :
 BNA_F
 ClientSampled :
 P-1

Tot Ion:188 Resp: 637105
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 13.2 9.2 13.8

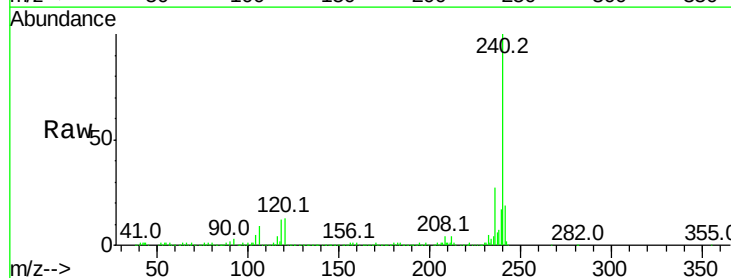


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

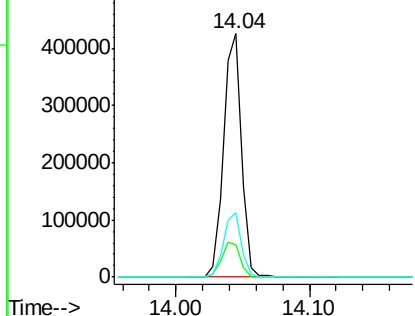
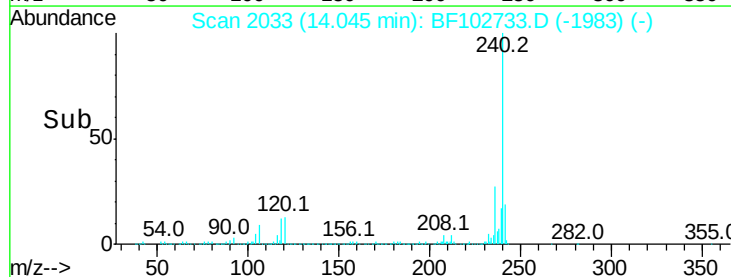


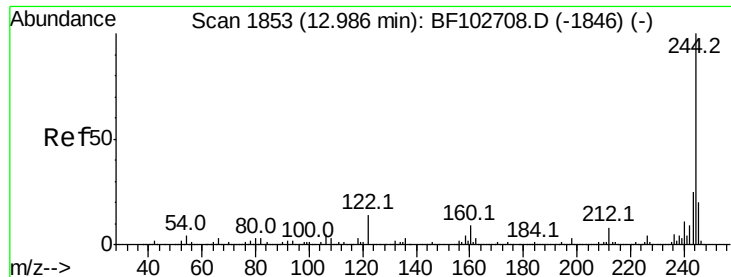
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF102733.D
 Acq: 5 Feb 2018 13:07

Tgt Ion:240 Resp: 403921
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 26.7 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: 72.200 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102733.D

Acq: 5 Feb 2018 13:07

Instrument :

BNA_F

ClientSampleId :

P-1

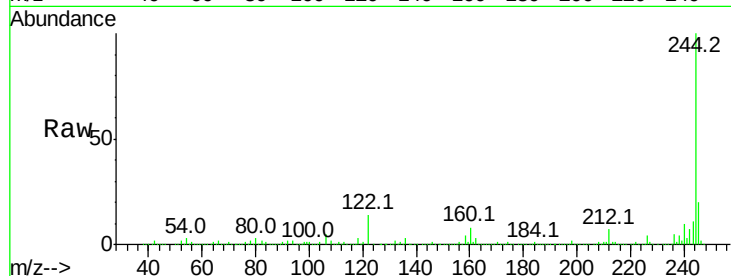
Tot Ion:244 Resp: 1231669

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

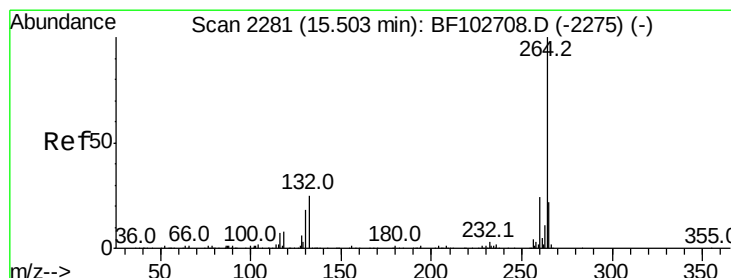
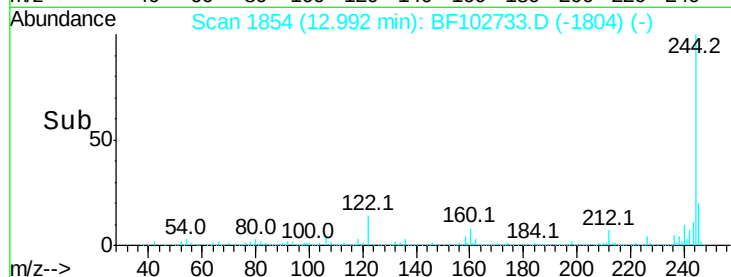
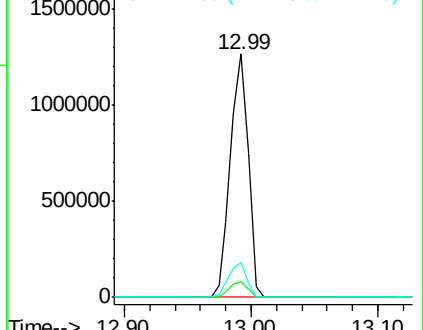
122 14.1 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102733.D

Acq: 5 Feb 2018 13:07

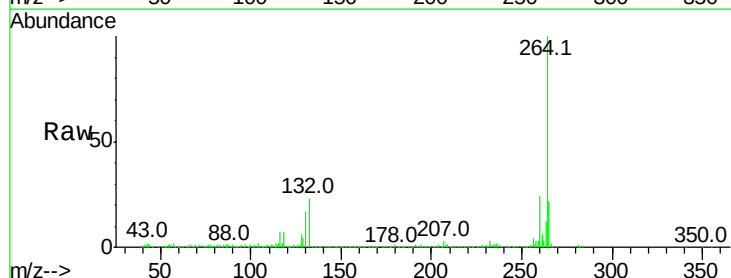
Tgt Ion:264 Resp: 396321

Ion Ratio Lower Upper

264 100

260 24.3 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

