

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100414.D
 Acq On : 11 Nov 2017 2:07
 Operator : SJ/JU
 Sample : I6366-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0033FD

Quant Time: Nov 13 10:12:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

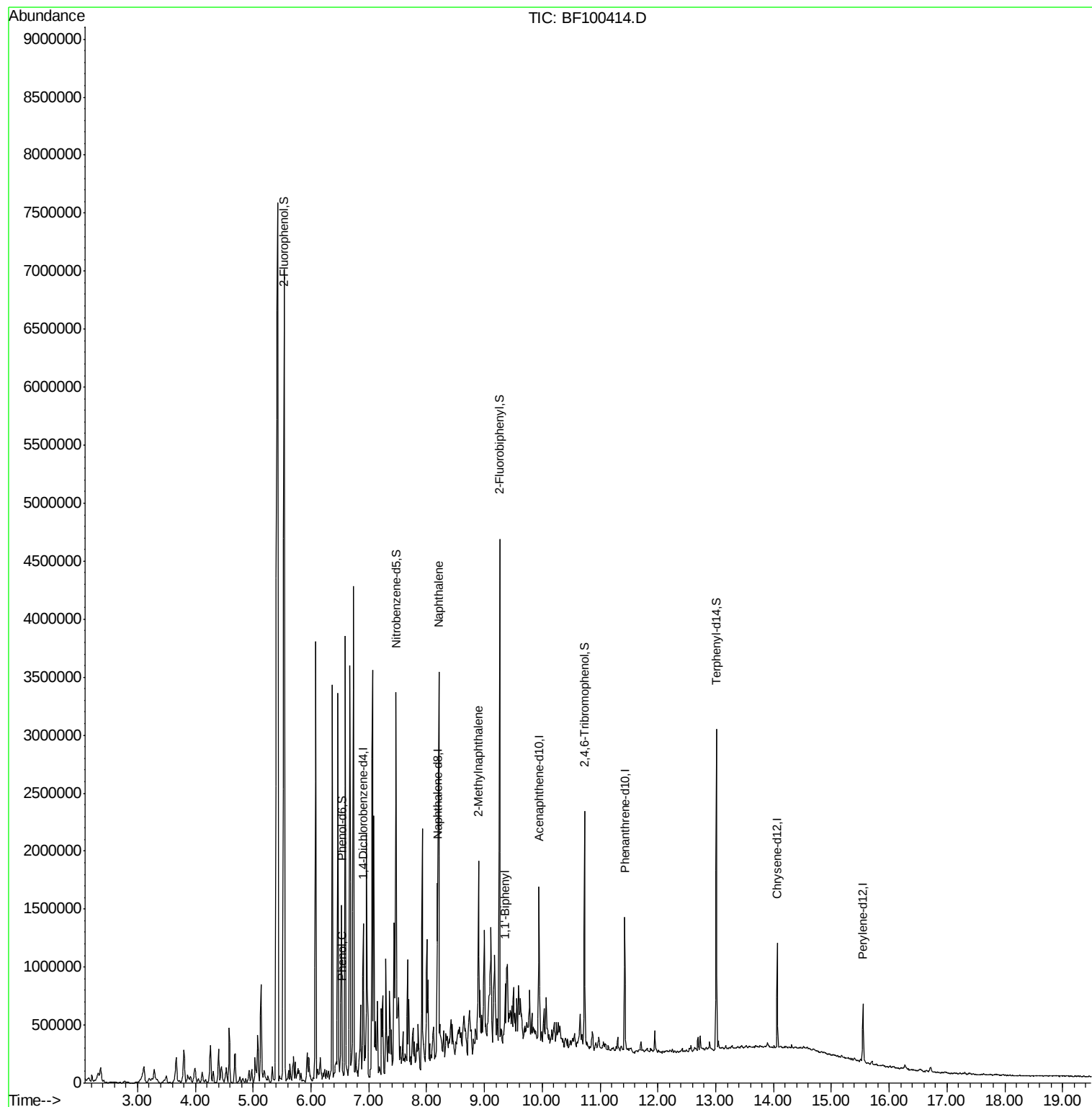
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	151044	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	562777	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	257938	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	368683	20.00	ng	0.00
75) Chrysene-d12	14.06	240	317238	20.00	ng	0.00
86) Perylene-d12	15.55	264	240006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	442849	47.00	ng	0.01
7) Phenol-d6	6.53	99	500579	43.08	ng	0.00
23) Nitrobenzene-d5	7.47	82	838846	98.55	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	284245	108.14	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1470785	86.83	ng	0.00
78) Terphenyl-d14	13.02	244	1050541	76.09	ng	0.00
Target Compounds						
10) Phenol	6.54	94	26803	2.197	ng	97
31) Naphthalene	8.21	128	1413993	52.165	ng	99
37) 2-Methylnaphthalene	8.90	142	357221	19.850	ng	98
45) 1,1'-Biphenyl	9.36	154	52661	2.361	ng	97

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

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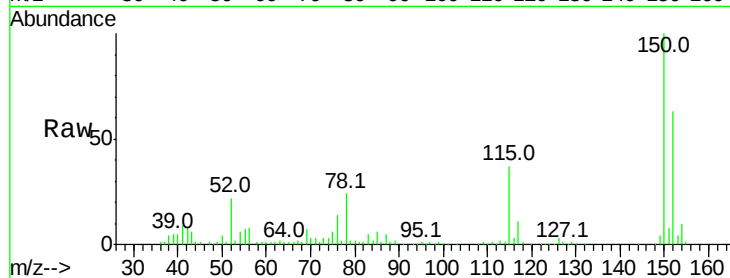


#1

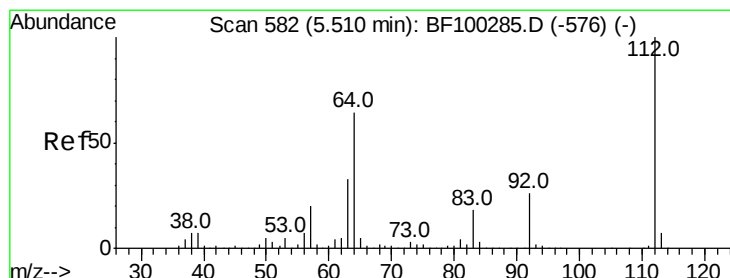
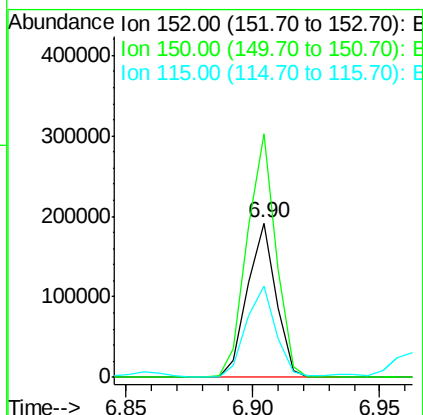
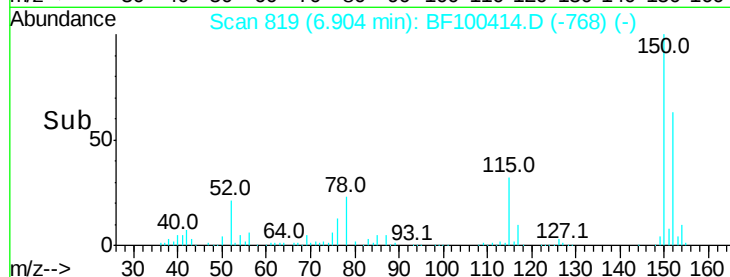
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100414.D
Acq: 11 Nov 2017 2:07

Instrument :
BNA_F
ClientSampleId :
S22-0033FD

Tot Ion:152 Resp: 151044
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.0 50.1 75.1



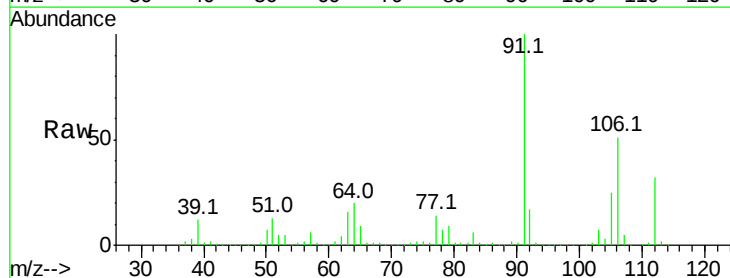
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



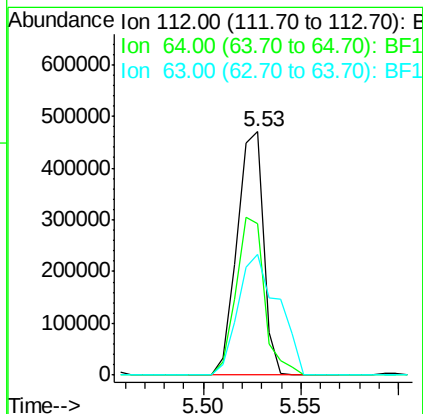
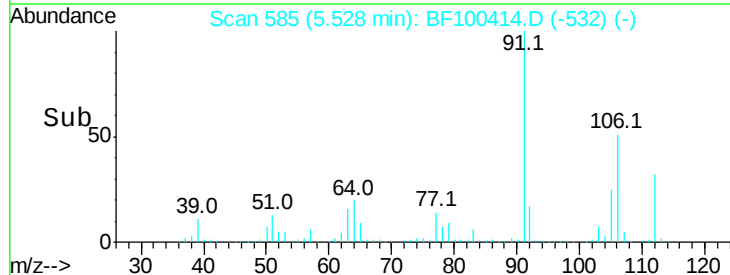
#5

2-Fluorophenol
Concen: 46.998 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100414.D
Acq: 11 Nov 2017 2:07

Tgt Ion:112 Resp: 442849
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 49.5 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: 43.081 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

Instrument :

BNA_F

ClientSampleId :

S22-0033FD

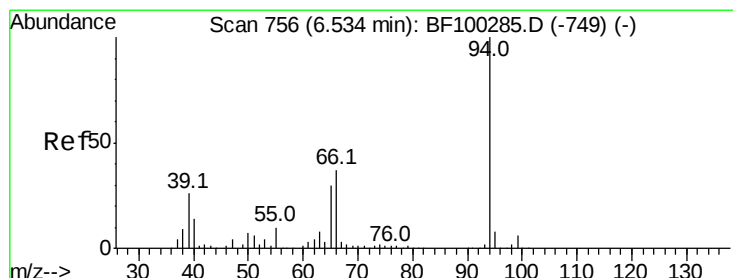
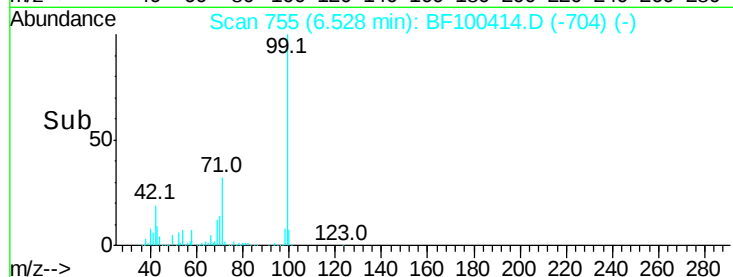
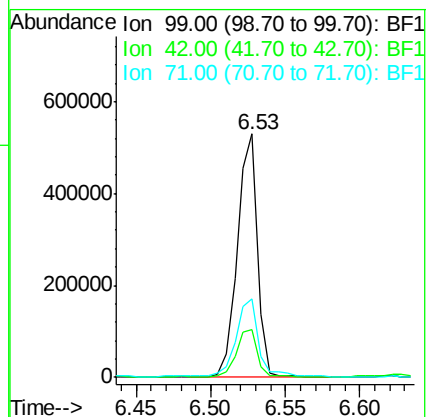
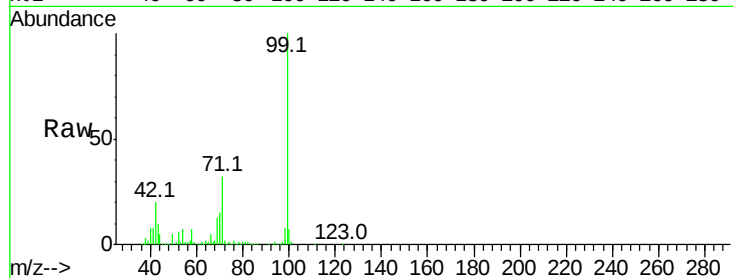
Tot Ion: 99 Resp: 500579

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 2.197 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

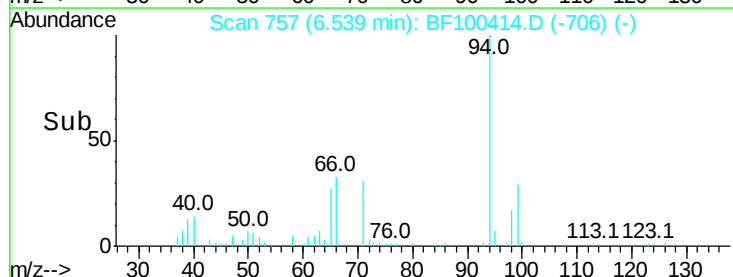
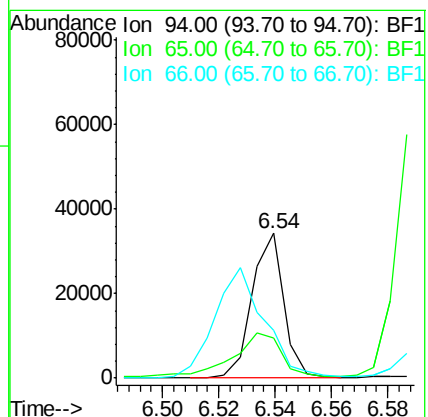
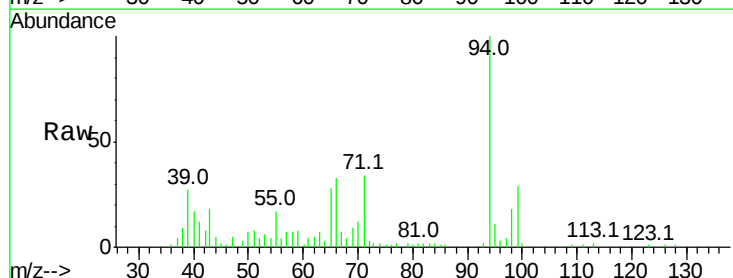
Tgt Ion: 94 Resp: 26803

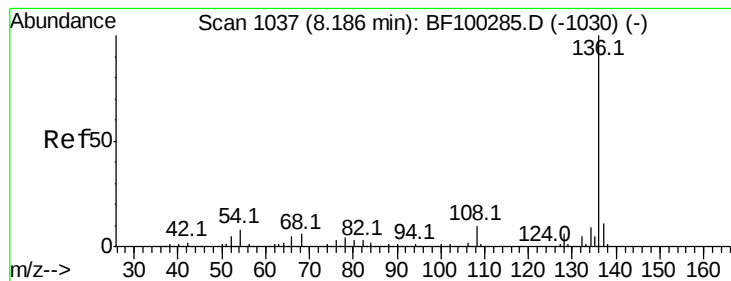
Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 33.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

Instrument :

BNA_F

ClientSampleId :

S22-0033FD

Tot Ion:136 Resp: 562777

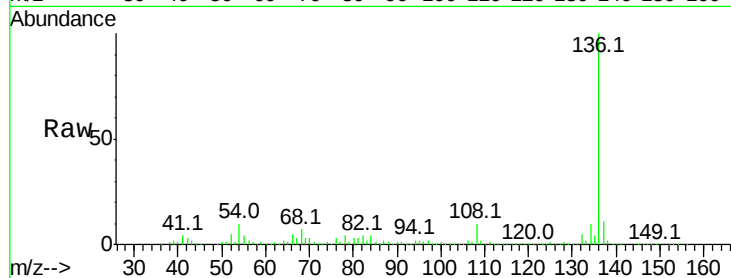
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.9 6.6 9.8#

68 7.1 5.0 7.4

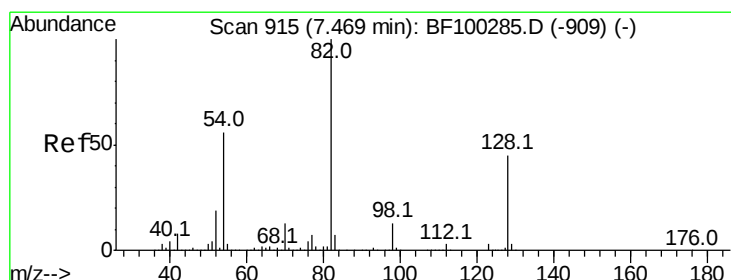
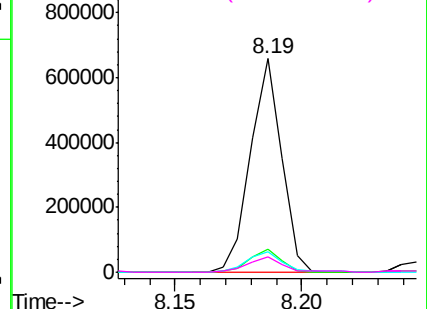
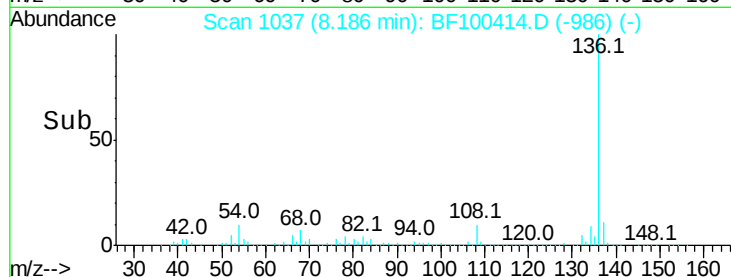


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.545 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

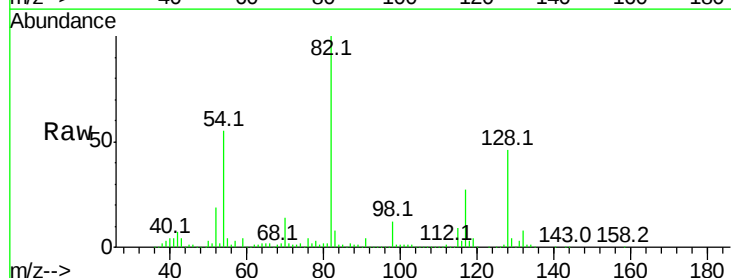
Tgt Ion: 82 Resp: 838846

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

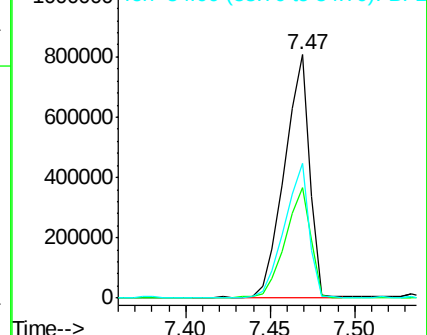
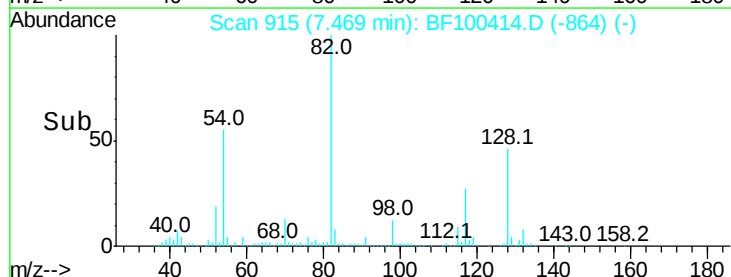
54 55.2 41.4 62.2

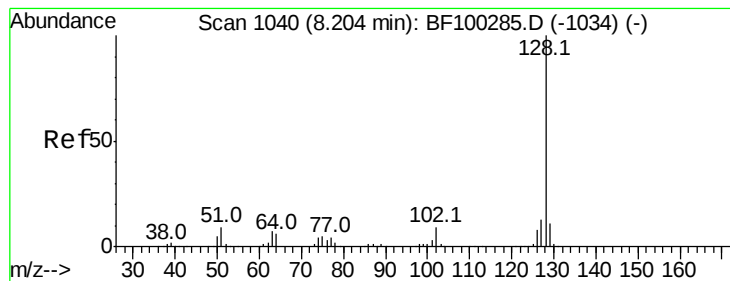


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 52.165 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

Instrument :

BNA_F

ClientSampleId :

S22-0033FD

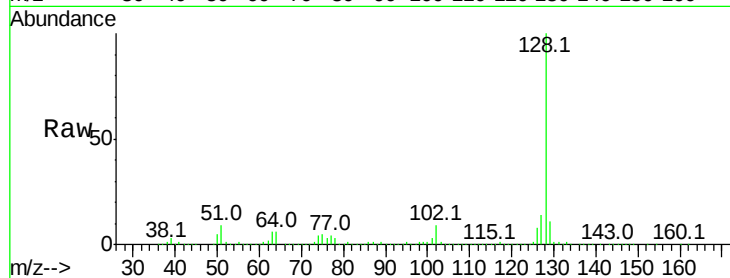
Tot Ion:128 Resp: 1413993

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

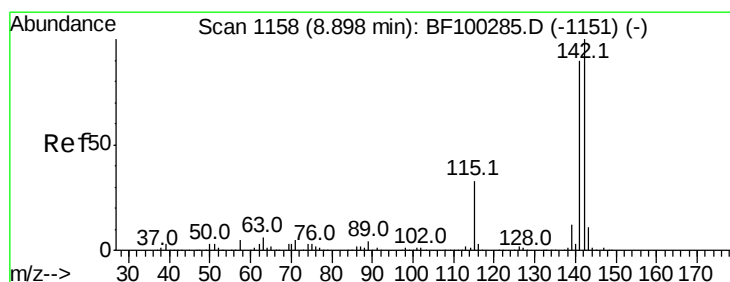
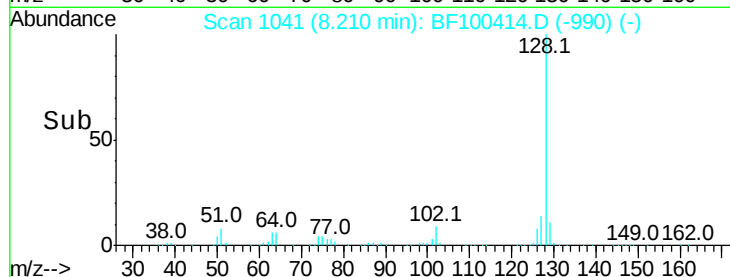
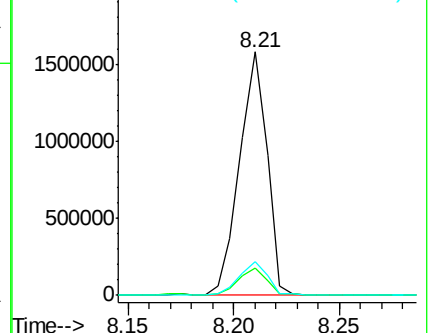
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 19.850 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

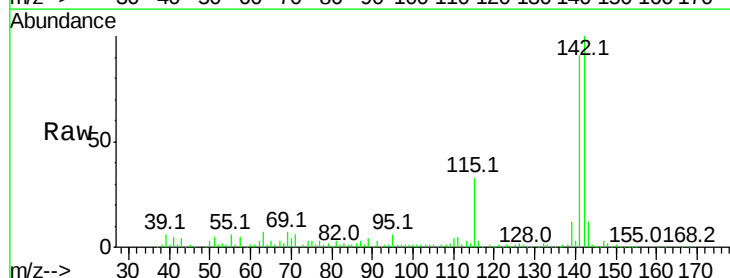
Tgt Ion:142 Resp: 357221

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

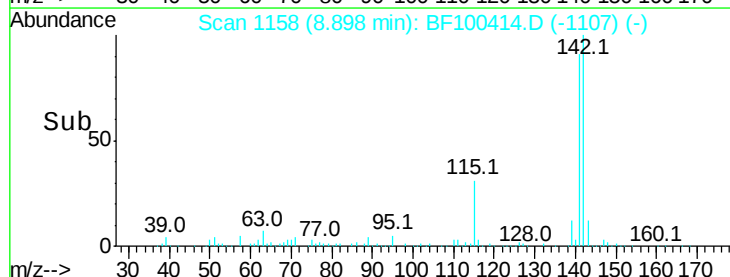
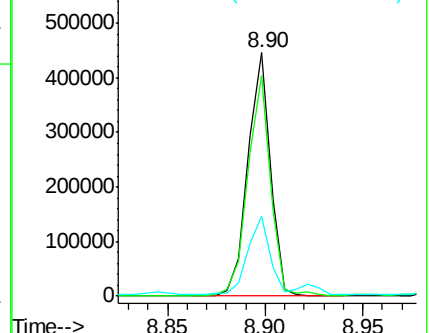
115 32.6 26.1 39.1

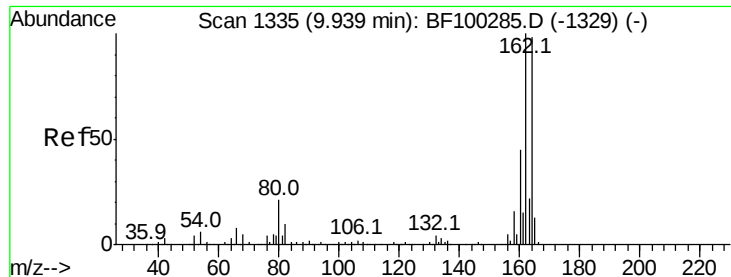


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

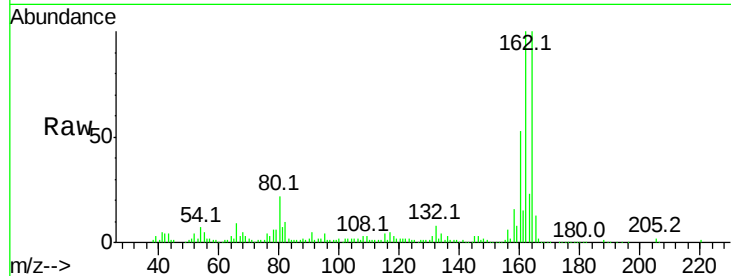




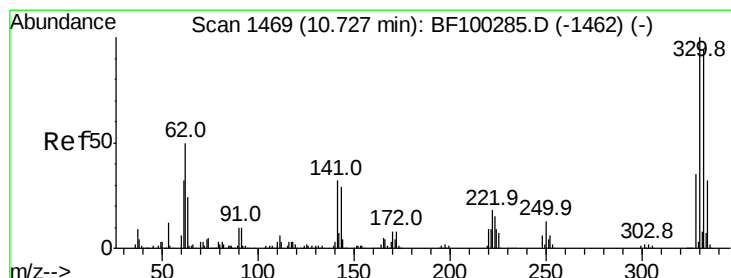
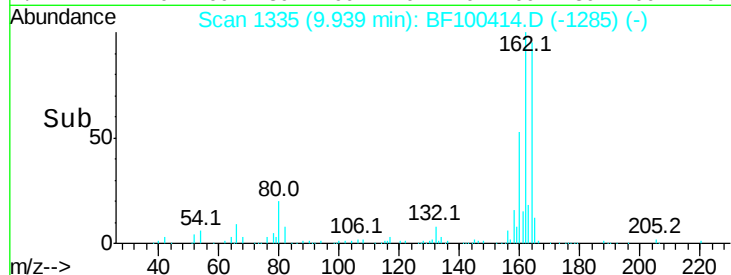
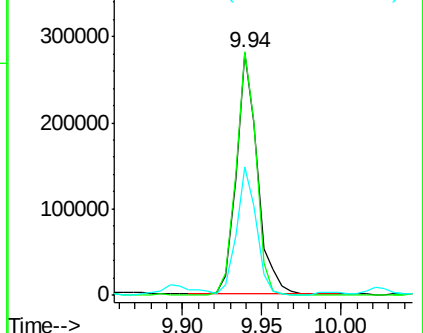
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100414.D
 Acq: 11 Nov 2017 2:07

Instrument :
 BNA_F
 ClientSampleId :
 S22-0033FD

Tot Ion:164 Resp: 257938
 Ion Ratio Lower Upper
 164 100
 162 100.3 86.1 129.1
 160 52.7 38.3 57.5

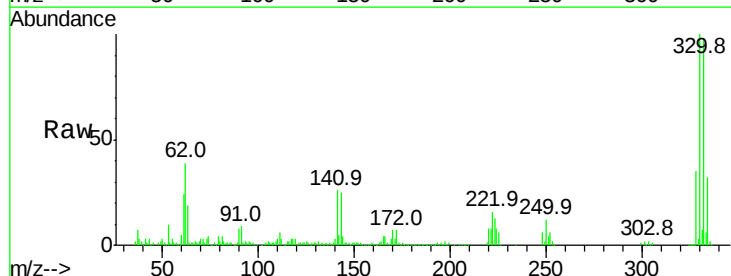


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

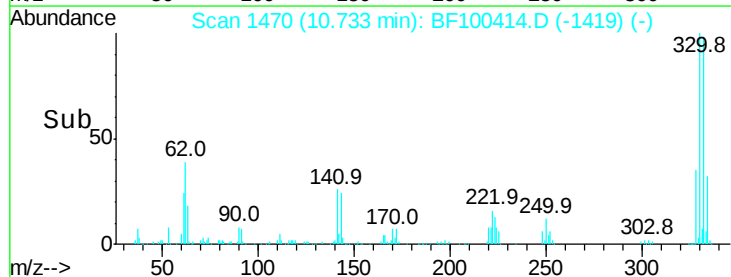
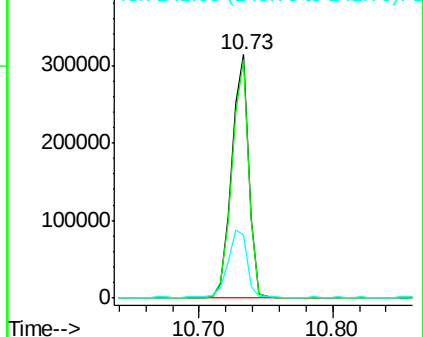


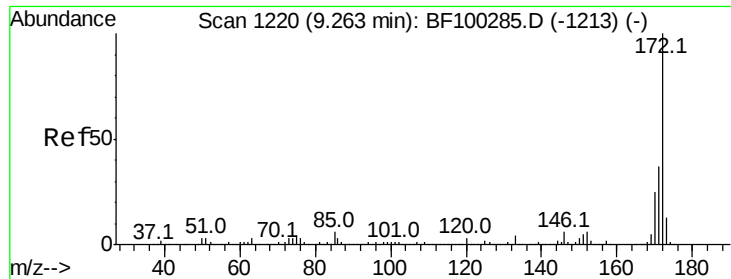
#41
 2,4,6-Tribromophenol
 Concen: 108.144 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF100414.D
 Acq: 11 Nov 2017 2:07

Tgt Ion:330 Resp: 284245
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 30.3 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

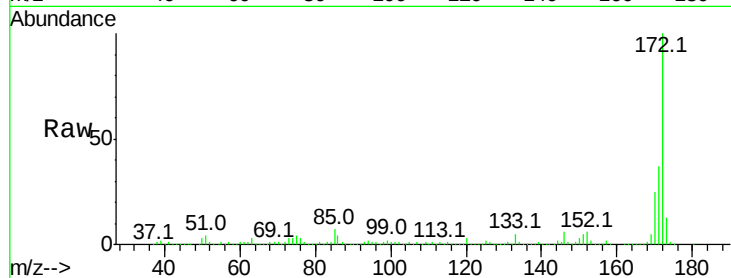




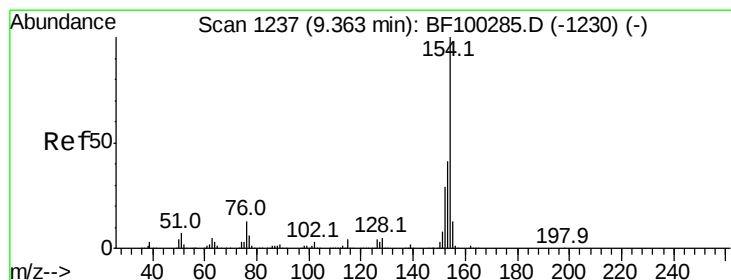
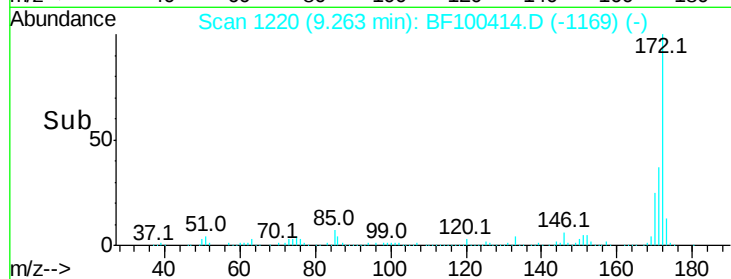
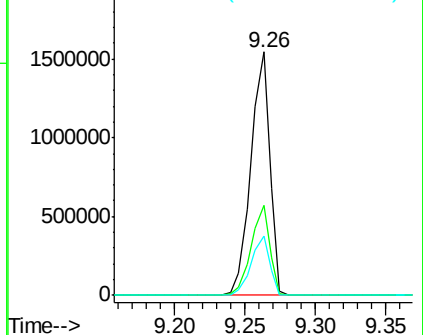
#44
2-Fluorobiphenyl
Concen: 86.826 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100414.D
Acq: 11 Nov 2017 2:07

Instrument :
BNA_F
ClientSampleId :
S22-0033FD

Tot Ion:172 Resp: 1470785
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.6 19.6 29.4

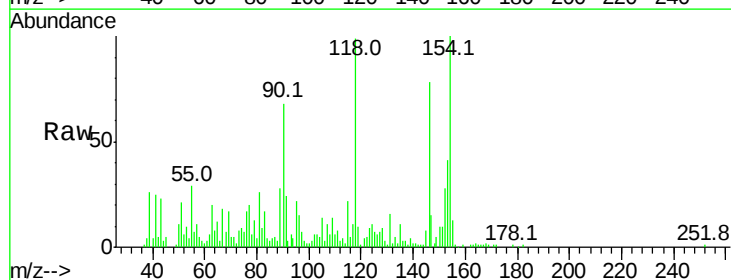


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

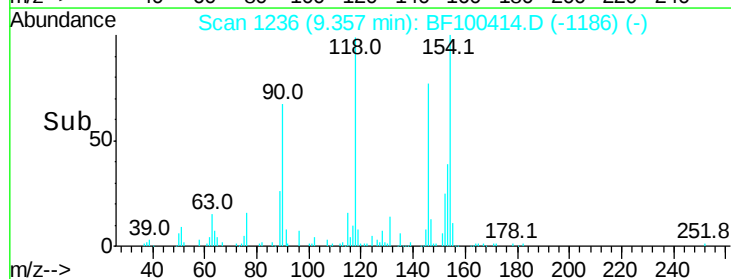
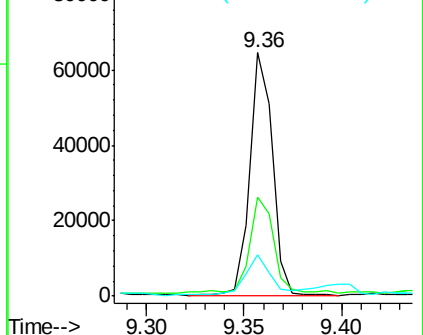


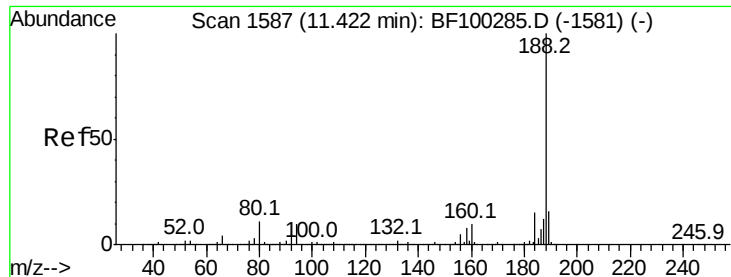
#45
1,1'-Biphenyl
Concen: 2.361 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF100414.D
Acq: 11 Nov 2017 2:07

Tgt Ion:154 Resp: 52661
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 17.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

Instrument :

BNA_F

ClientSampleId :

S22-0033FD

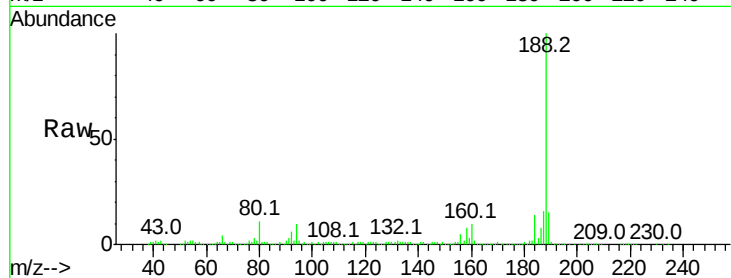
Tot Ion:188 Resp: 368683

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

80 11.0 9.2 13.8

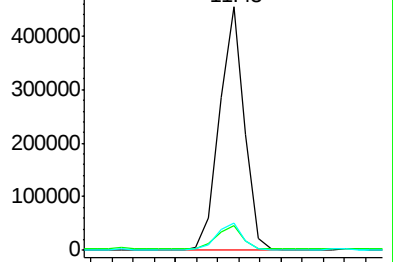


Abundance Ion 188.00 (187.70 to 188.70): E

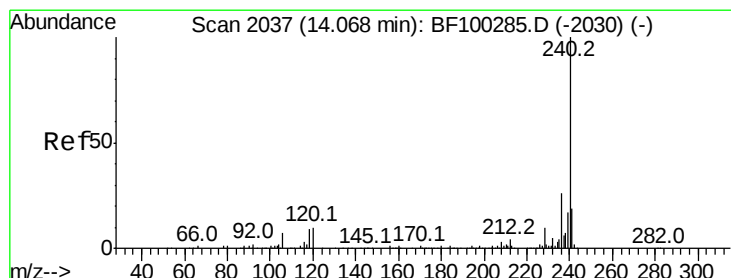
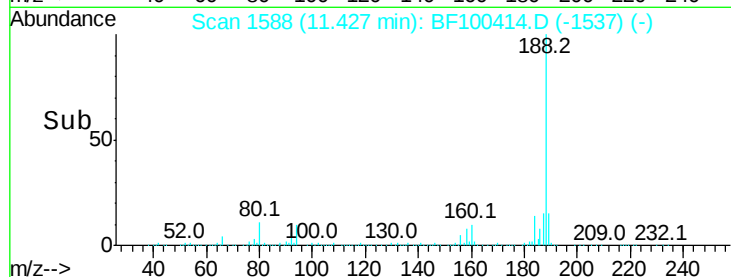
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.43



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

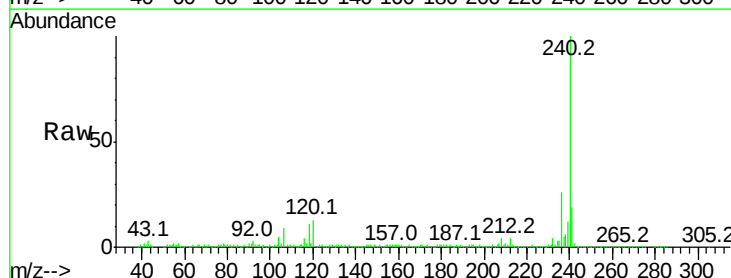
Tgt Ion:240 Resp: 317238

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

236 26.0 20.7 31.1

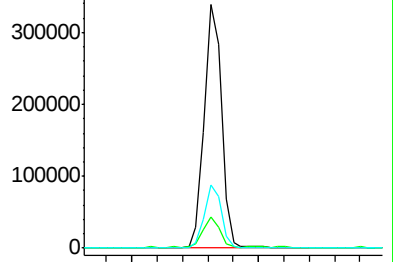


Abundance Ion 240.00 (239.70 to 240.70): E

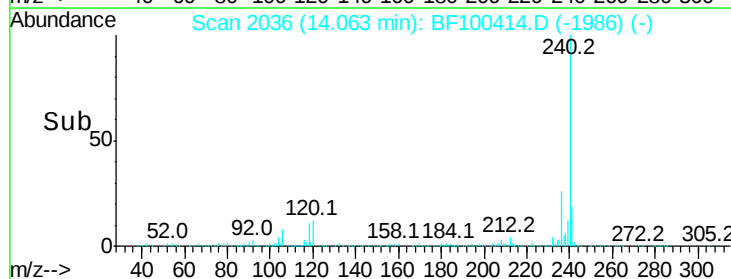
Ion 120.00 (119.70 to 120.70): E

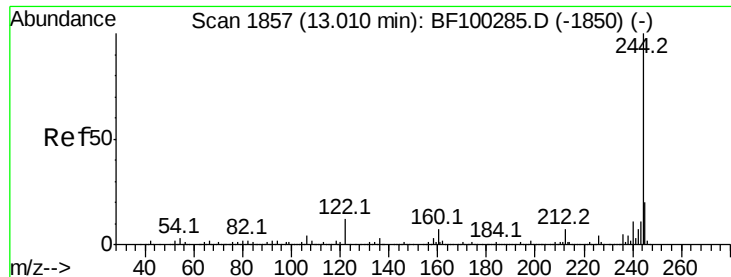
Ion 236.00 (235.70 to 236.70): E

14.06



Time-->





#78

Terphenyl-d14

Concen: 76.089 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

Instrument :

BNA_F

ClientSampleId :

S22-0033FD

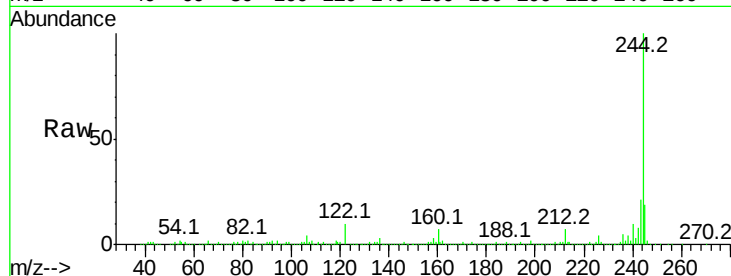
Tot Ion:244 Resp: 1050541

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

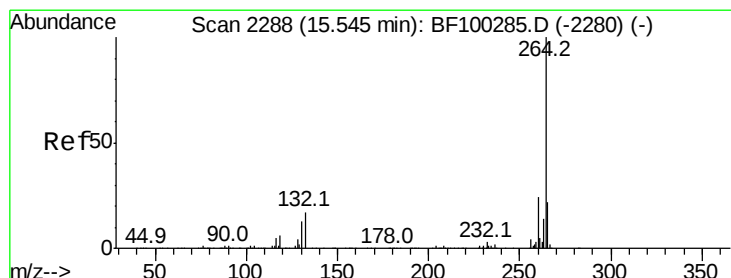
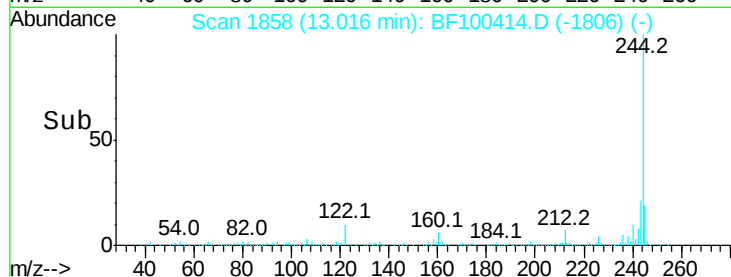
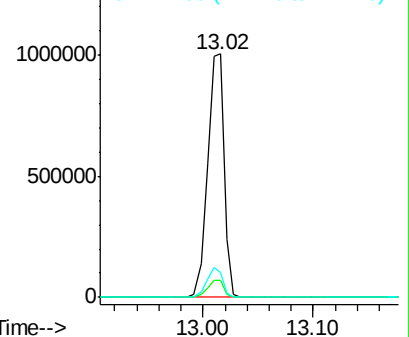
122 10.2 11.0 16.4#



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100414.D

Acq: 11 Nov 2017 2:07

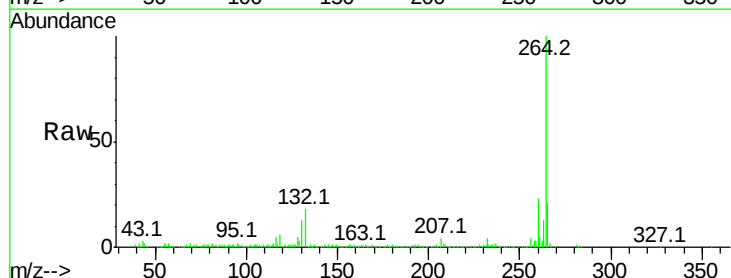
Tgt Ion:264 Resp: 240006

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 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

