

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF101002.D
 Acq On : 30 Nov 2017 3:28
 Operator : SJ/JU
 Sample : I6608-01DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1DL

Quant Time: Nov 30 07:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

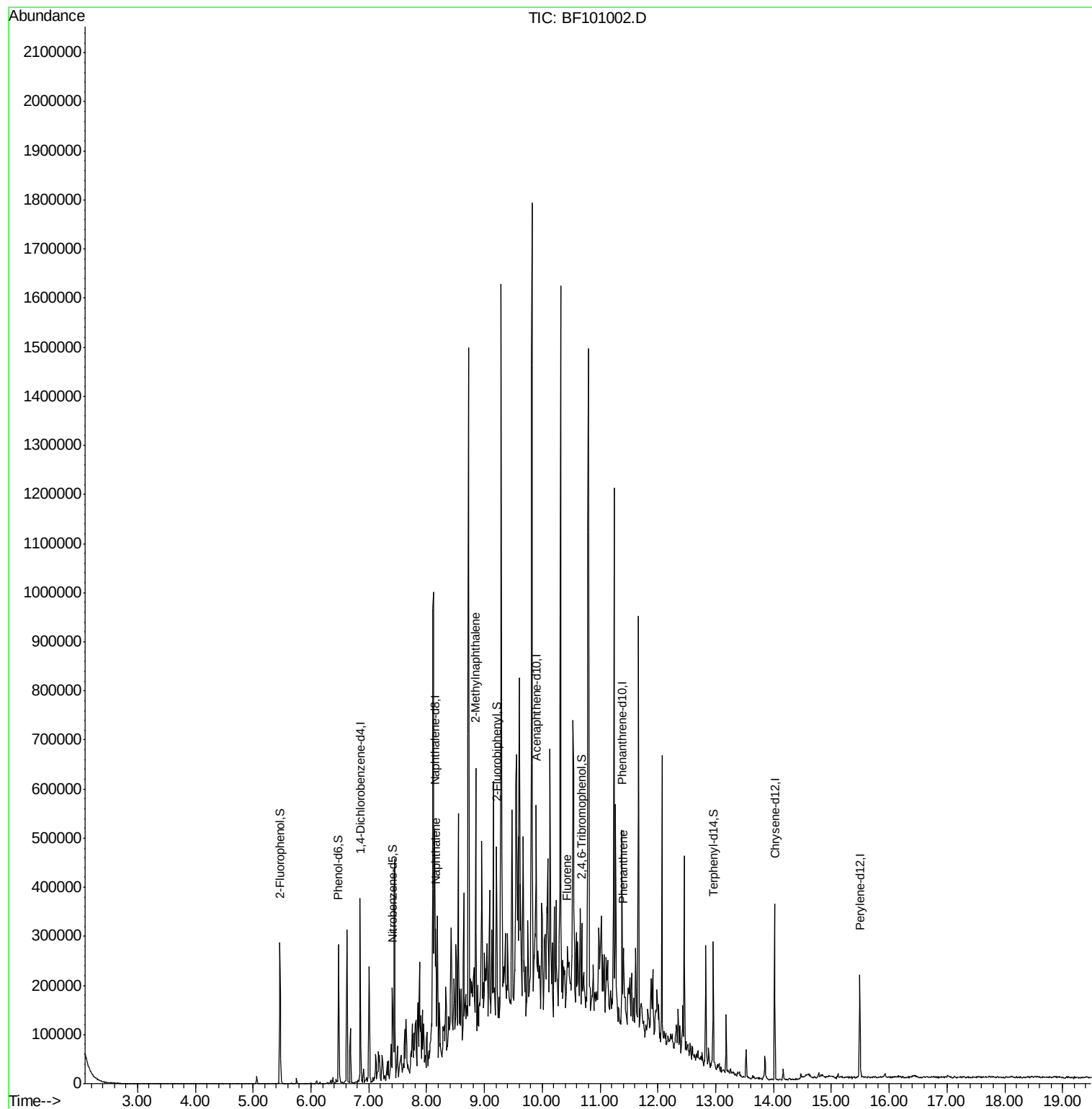
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52642	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	187883	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	72921	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	120997	20.00	ng	0.00
75) Chrysene-d12	14.02	240	116412	20.00	ng	0.00
86) Perylene-d12	15.49	264	90285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	75455	22.98	ng	-0.01
7) Phenol-d6	6.47	99	88245	21.79	ng	-0.02
23) Nitrobenzene-d5	7.41	82	50810	17.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	15446	20.79	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	98499	20.57	ng	0.00
78) Terphenyl-d14	12.96	244	81669	16.12	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	51480	5.689	ng	# 94
37) 2-Methylnaphthalene	8.85	142	135523	22.557	ng	99
57) Fluorene	10.44	166	12010	2.536	ng	# 86
70) Phenanthrene	11.40	178	43975	6.903	ng	97

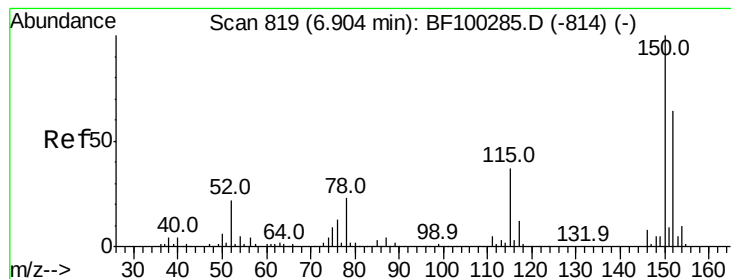
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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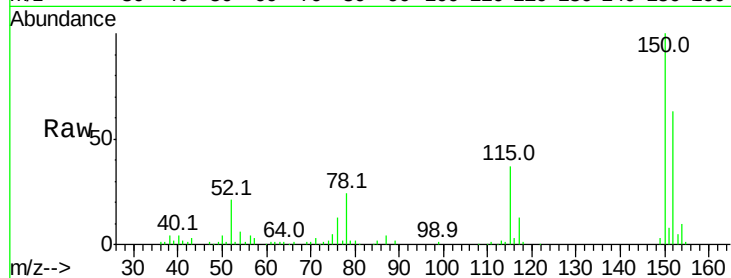


#1

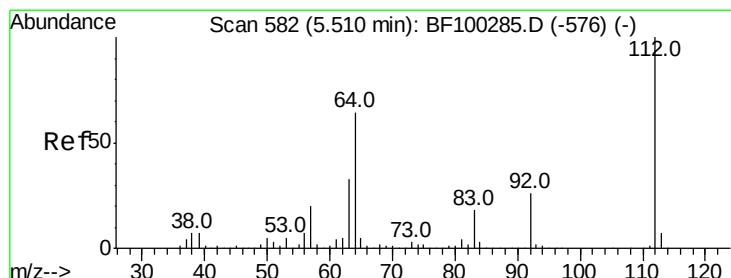
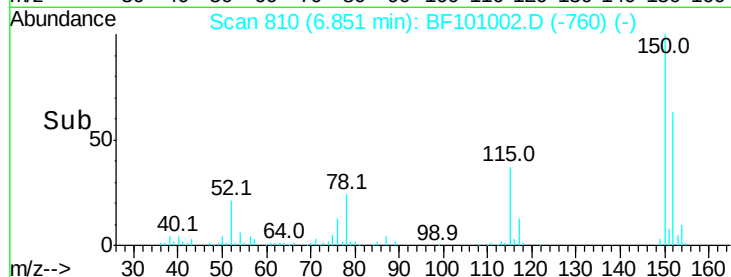
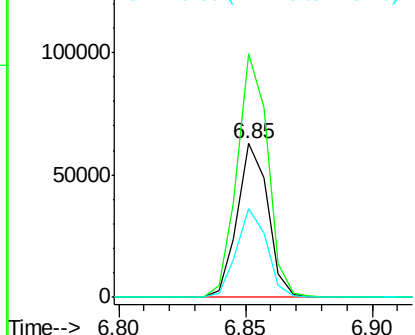
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :
 S-1DL

Tot Ion:152 Resp: 52642
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 58.1 50.1 75.1



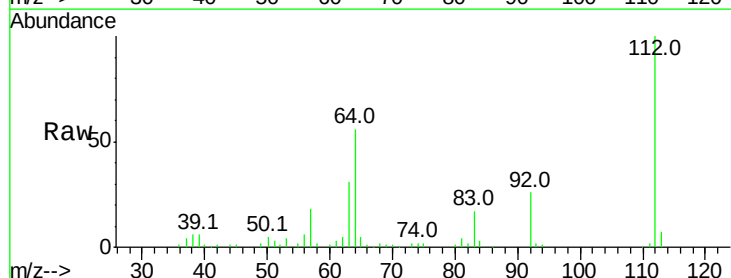
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



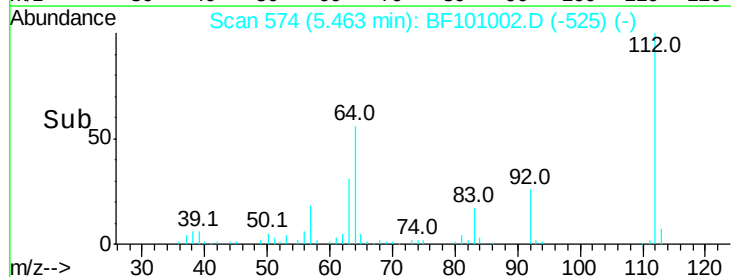
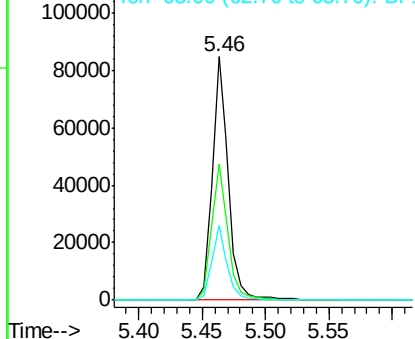
#5

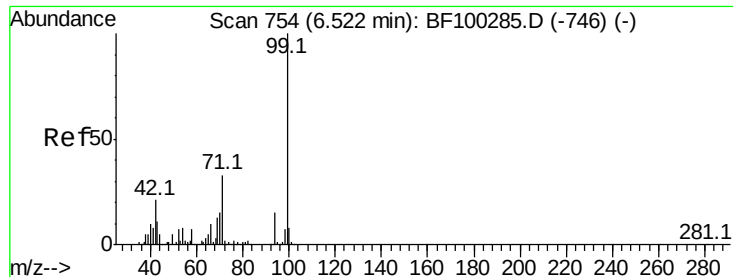
2-Fluorophenol
 Concen: 22.977 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Tgt Ion:112 Resp: 75455
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 30.7 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: 21.791 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF101002.D

Acq: 30 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

S-1DL

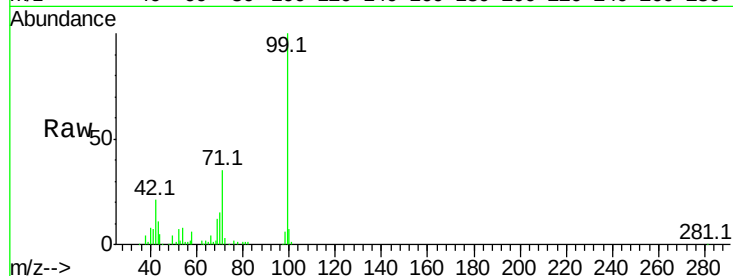
Tot Ion: 99 Resp: 88245

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

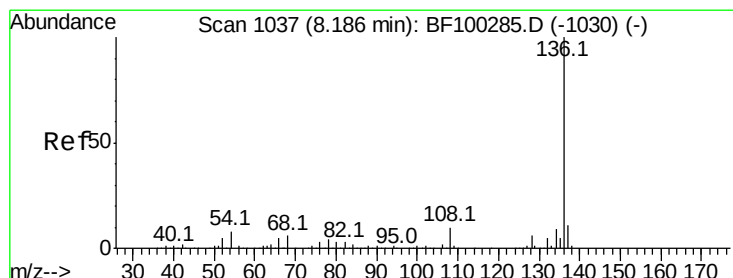
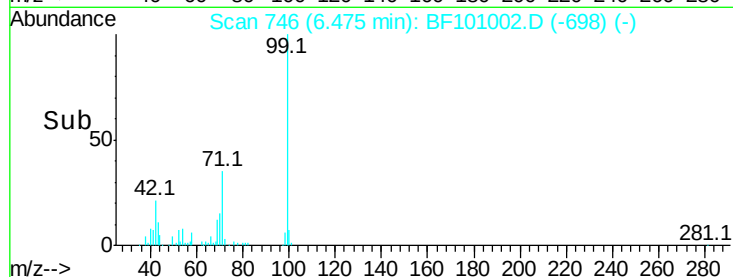
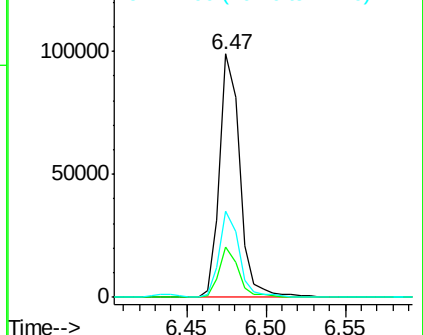
71 35.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF101002.D

Acq: 30 Nov 2017 3:28

Tgt Ion: 136 Resp: 187883

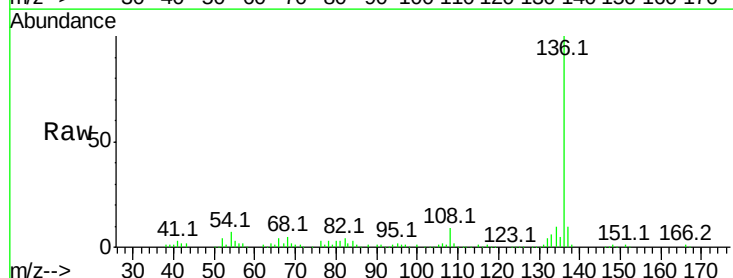
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.0 6.6 9.8

68 4.6 5.0 7.4#

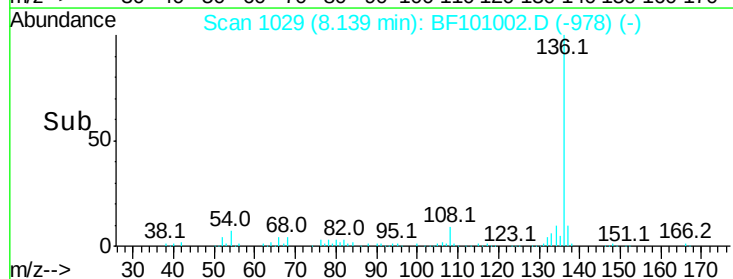
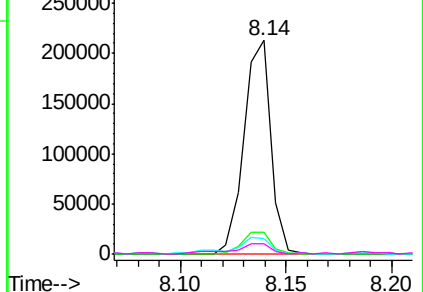


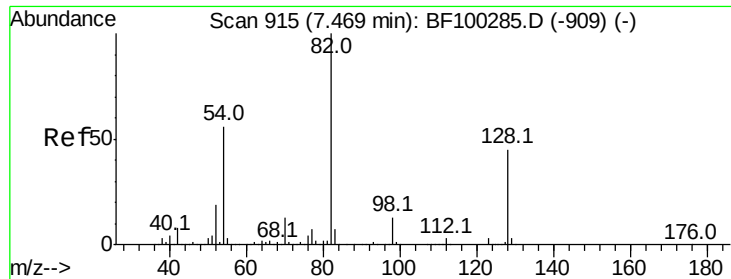
Abundance Ion 136.00 (135.70 to 136.70): E

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

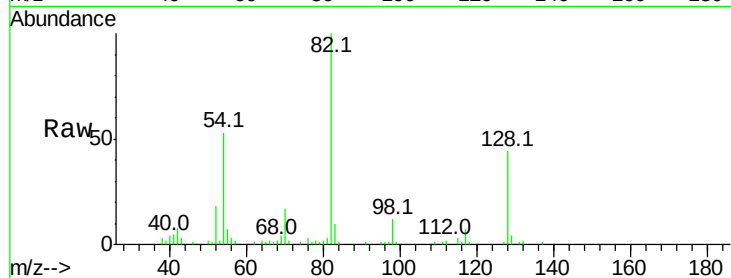




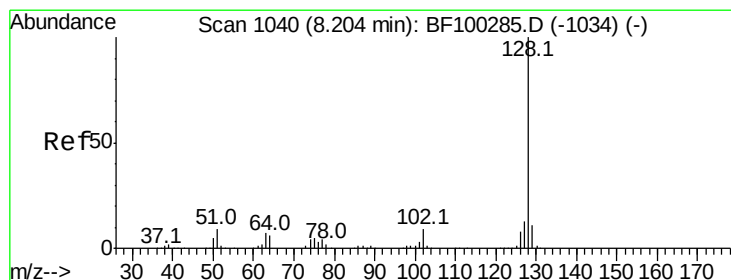
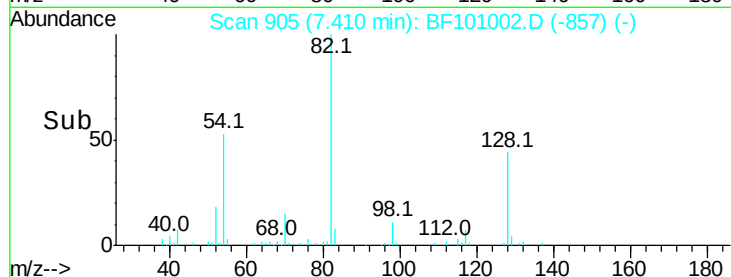
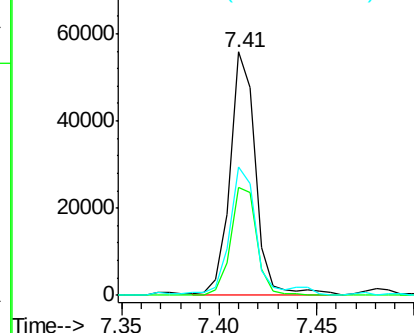
#23
 Nitrobenzene-d5
 Concen: 17.879 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :
 S-1DL

Tot Ion	82	Resp	50810
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	53.0	41.4	62.2

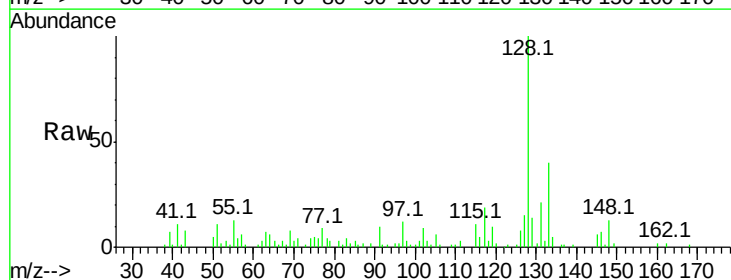


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

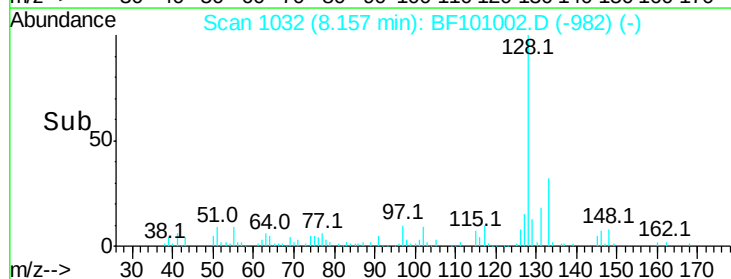
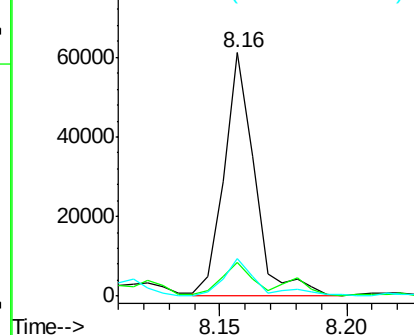


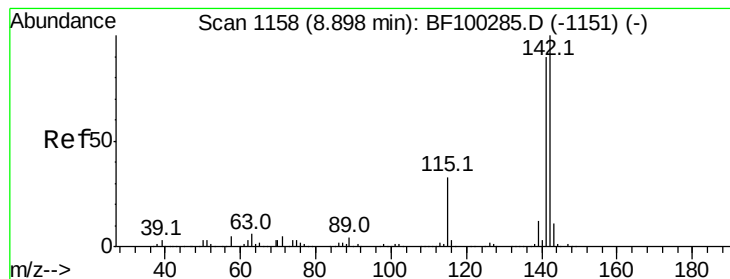
#31
 Naphthalene
 Concen: 5.689 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Tgt Ion	128	Resp	51480
Ion Ratio	100	Lower	Upper
129	13.8	8.8	13.2#
127	15.2	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
 Ion 129.00 (128.70 to 129.70): BF1
 Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 22.557 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF101002.D

Acq: 30 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

S-1DL

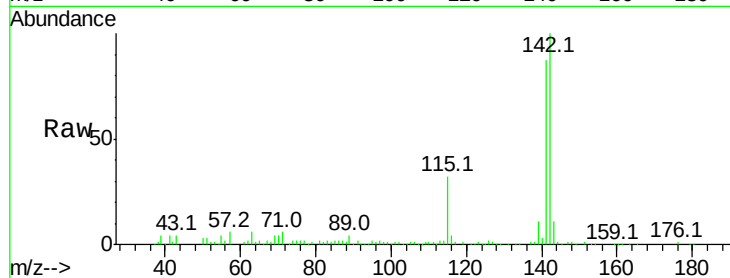
Tot Ion:142 Resp: 135523

Ion Ratio Lower Upper

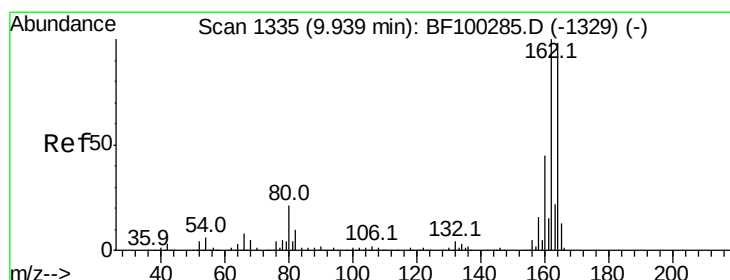
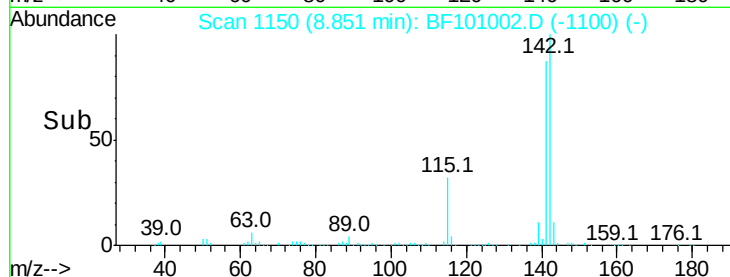
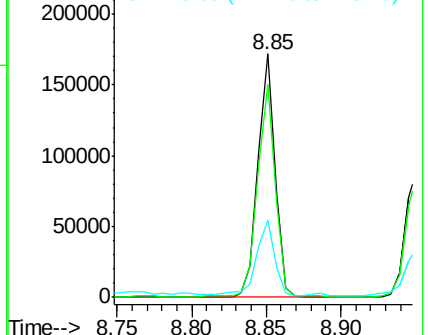
142 100

141 87.5 70.8 106.2

115 31.6 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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF101002.D

Acq: 30 Nov 2017 3:28

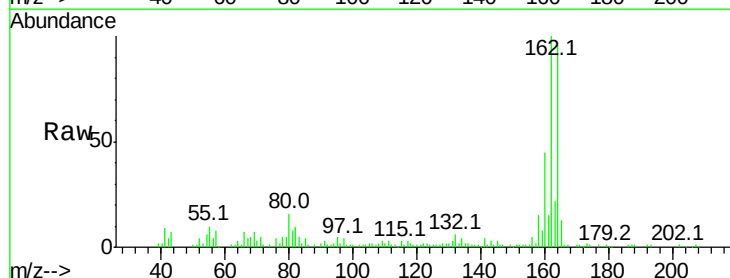
Tgt Ion:164 Resp: 72921

Ion Ratio Lower Upper

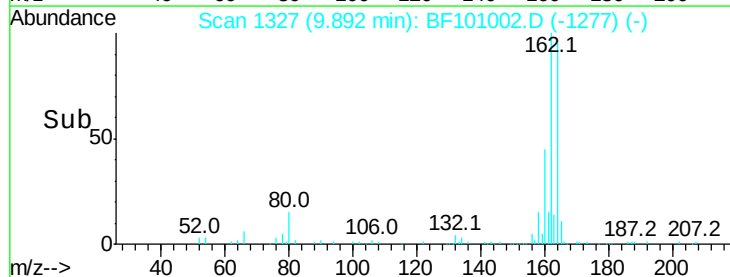
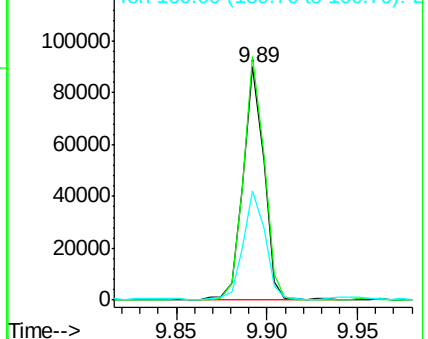
164 100

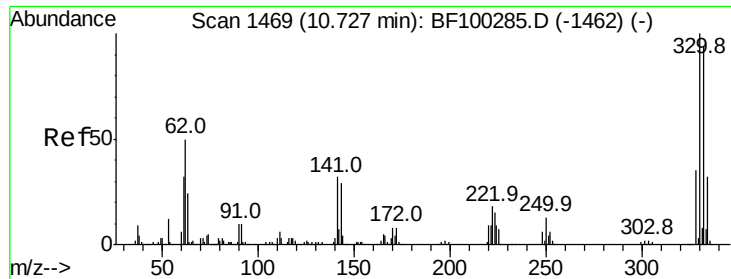
162 104.3 86.1 129.1

160 47.0 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

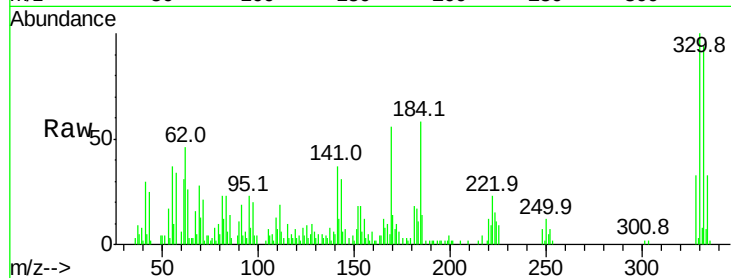




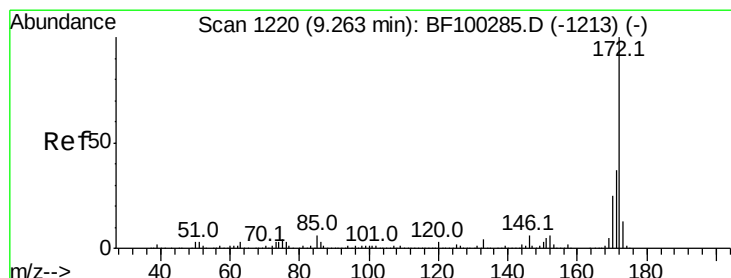
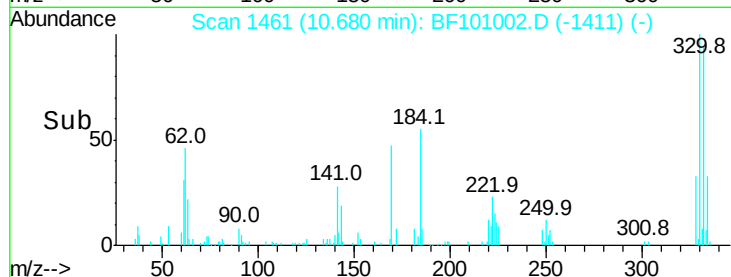
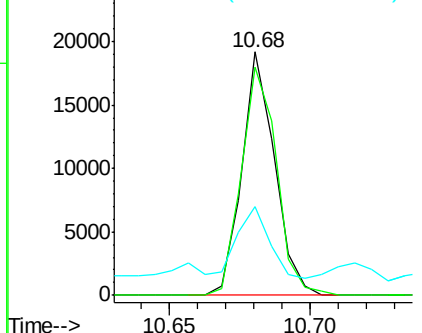
#41
 2,4,6-Tribromophenol
 Concen: 20.787 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 15446
 Ion Ratio Lower Upper
 330 100
 332 100.7 77.0 115.6
 141 33.7 29.9 44.9

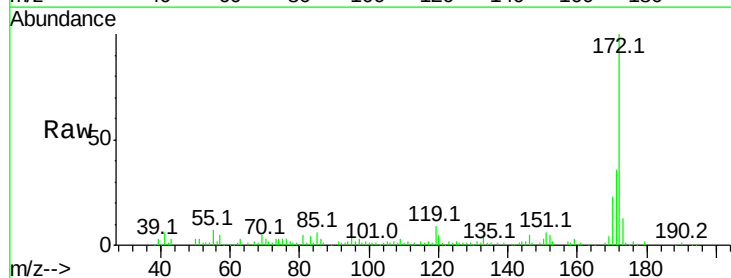


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

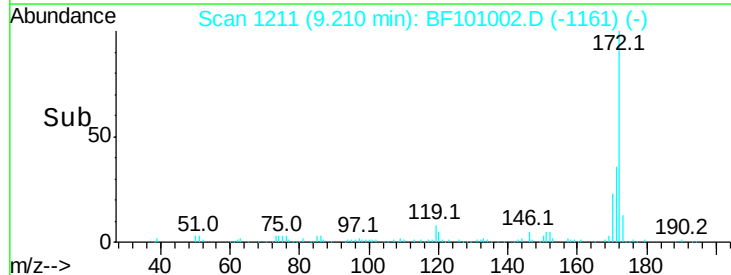
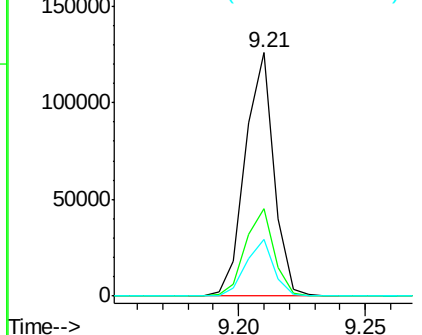


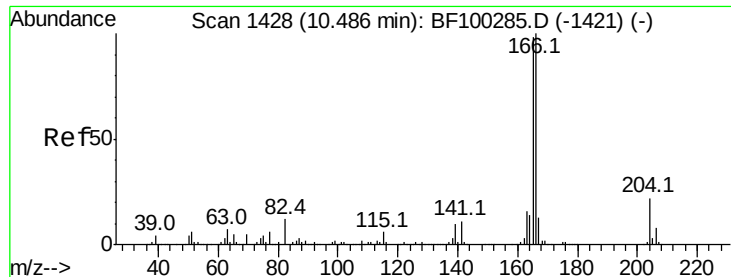
#44
 2-Fluorobiphenyl
 Concen: 20.568 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Tgt Ion:172 Resp: 98499
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 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

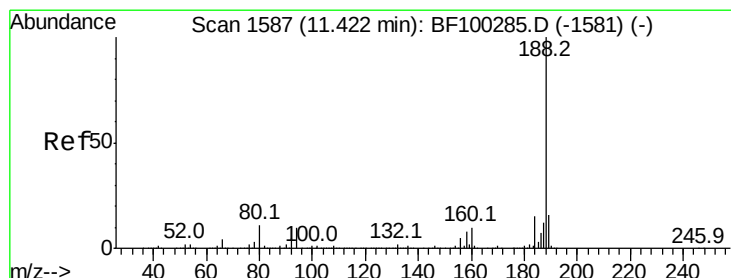
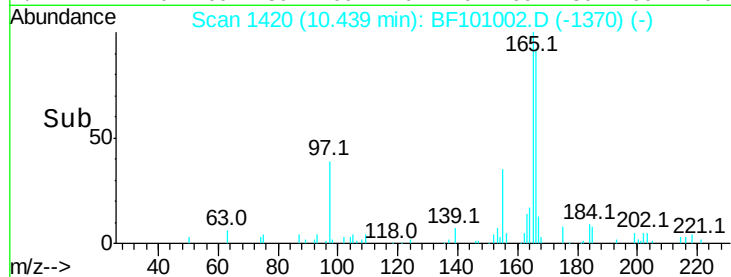
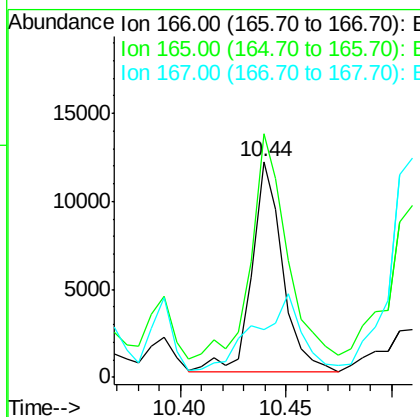
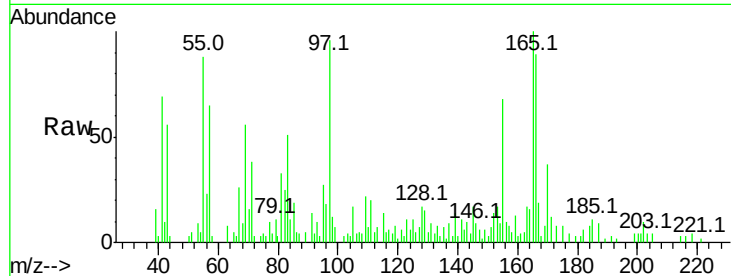




#57
Fluorene
 Concen: 2.536 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

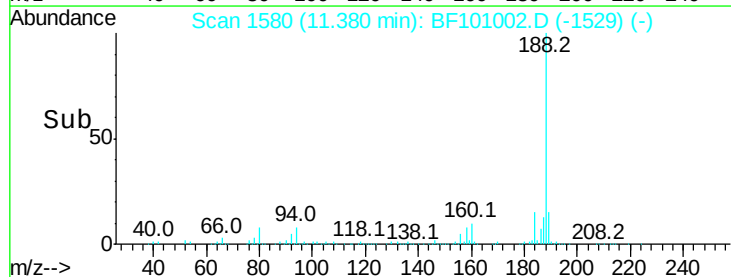
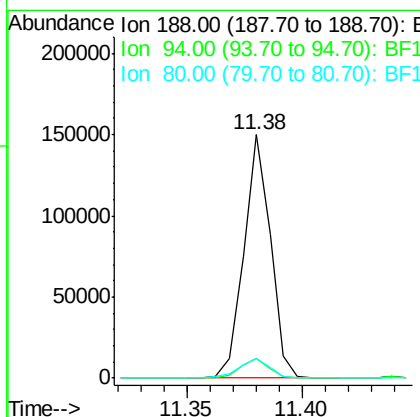
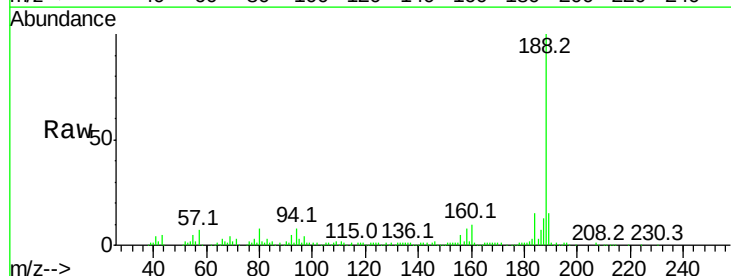
Instrument :
 BNA_F
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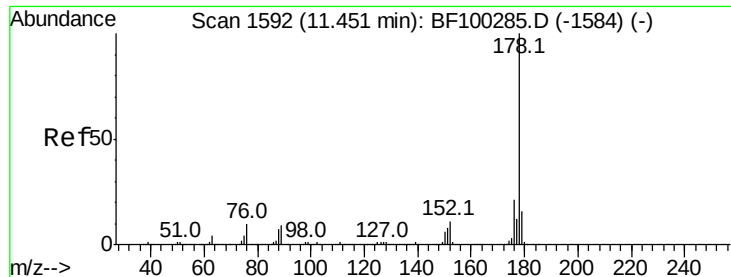
Tot Ion:166 Resp: 12010
 Ion Ratio Lower Upper
 166 100
 165 112.9 79.8 119.8
 167 21.9 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Tgt Ion:188 Resp: 120997
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 8.2 9.2 13.8#





#70

Phenanthrene

Concen: 6.903 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF101002.D

Acq: 30 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

S-1DL

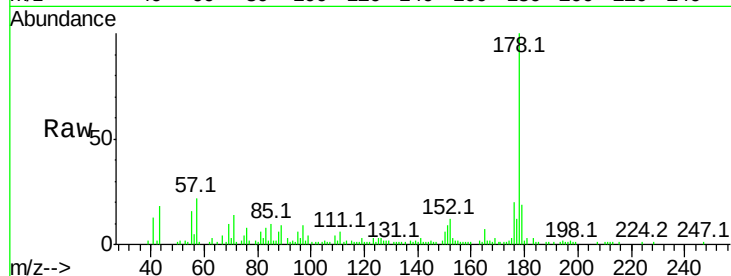
Tot Ion:178 Resp: 43975

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

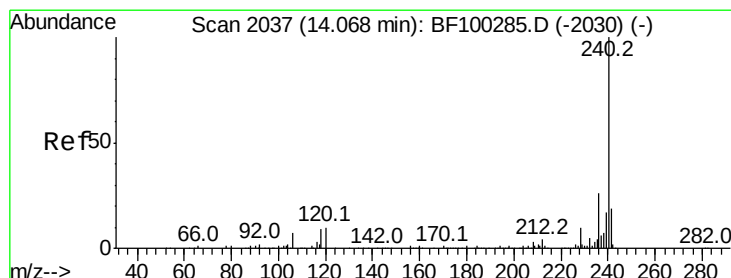
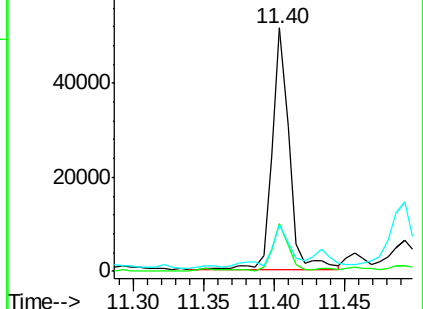
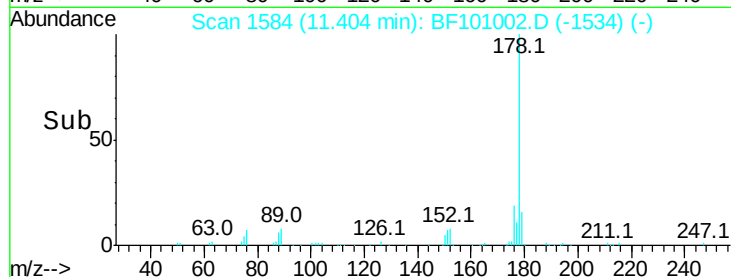
179 19.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101002.D

Acq: 30 Nov 2017 3:28

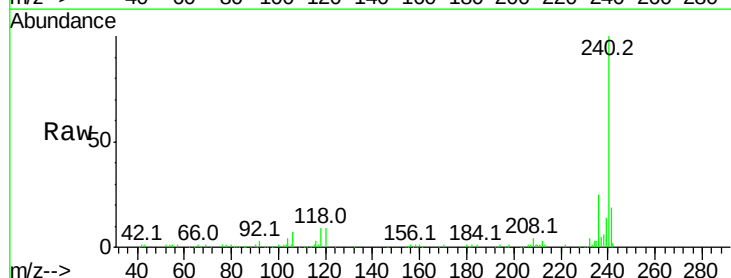
Tgt Ion:240 Resp: 116412

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

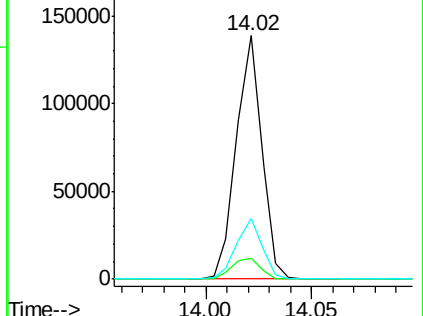
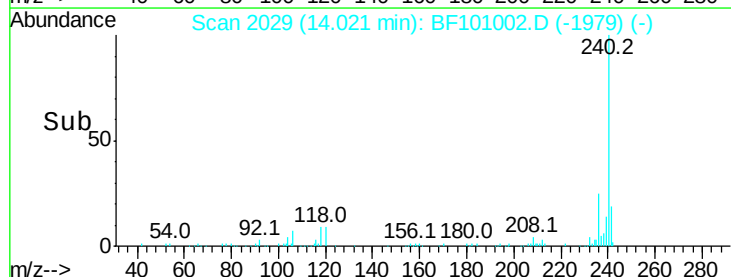
236 24.9 20.7 31.1

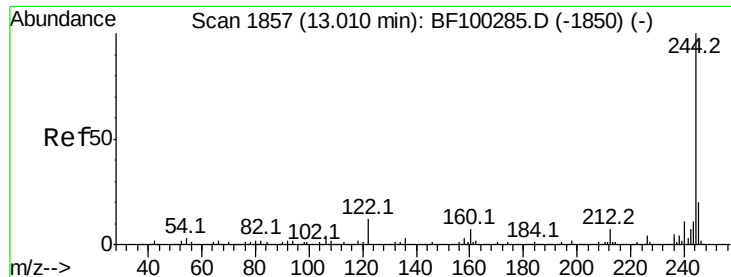


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

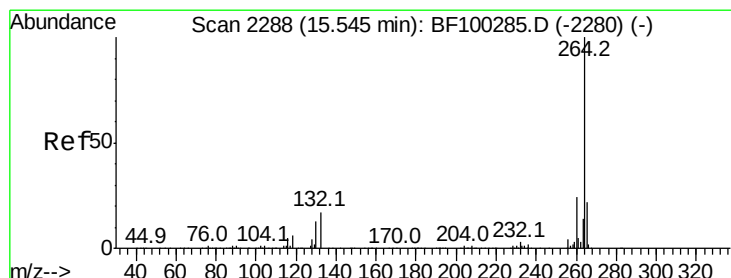
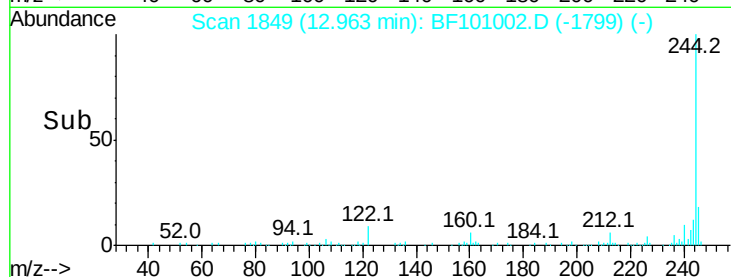
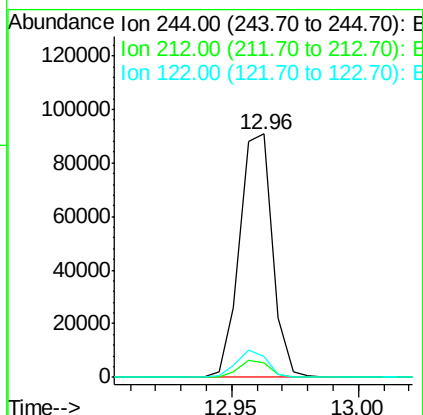
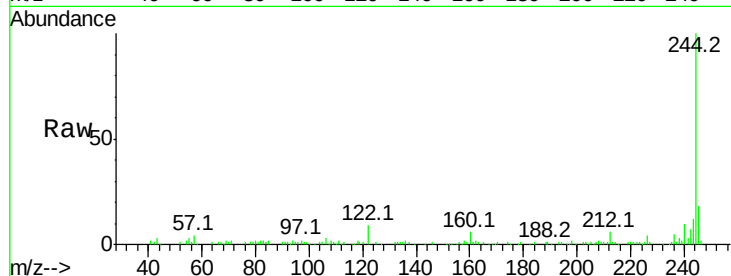




#78
 Terphenyl-d14
 Concen: 16.120 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :
 S-1DL

Tot Ion:244 Resp: 81669
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF101002.D
 Acq: 30 Nov 2017 3:28

Tgt Ion:264 Resp: 90285
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.8 17.5 26.3

